



Colonial Pipeline Company

Jeff D. Morrison
Environmental Program Manager

August 30, 2021

To: Dan Bowser, et al.

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

Dear Dan,

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

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

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

Respectfully,

Jeff D. Morrison
Environmental Program Manager



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

Huntersville, Mecklenburg County, North Carolina 28078

August 30, 2021

Apex Job No.: CPC21018

Prepared for:

**Mr. John Wyatt
4295 Cromwell Rd. #311
Chattanooga, Tennessee 37421**

Prepared by:

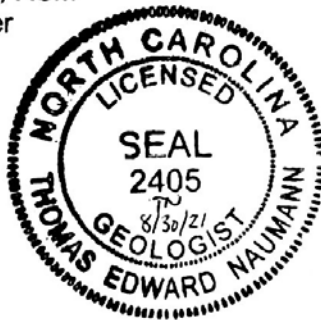
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1.0 INTRODUCTION

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

1.1 Site History And Characterization

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

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

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

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

2.0 SOIL SAMPLING ACTIVITIES AND RESULTS

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

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

Results of the soil sampling analysis are summarized in **Table 1**, **Table 2**, and on **Figure 4**. Laboratory analytical reports are provided in **Appendix A**.

3.0 WELL GAUGING ACTIVITIES

The recovery well pumping system was shut down for approximately 24 hours on July 27, 2021 to facilitate gauging of the entire monitoring and recovery well network on July 28, 2021. Groundwater at the Site flows in a general northerly and southerly direction. The monitoring well and recovery well gauging data is presented in **Table 3** and **Table 4**, respectively. Groundwater potentiometric surface maps for the surficial and bedrock units are provided as **Figure 5** and **Figure 6**, respectively. A free product distribution map is provided as **Figure 7**.

4.0 GROUNDWATER INVESTIGATION ACTIVITIES AND RESULTS

Between August 27, 2020 and August 20, 2021, 109 monitoring wells were installed at the Site utilizing hollow stem auger, air rotary, and sonic drilling methods. Shallow monitoring wells are typically constructed as Type II wells with the well screen bracketing the water table. Deep monitoring wells are constructed with isolation casings extending from ground surface and tremie grouted approximately 10 feet into the consolidated bedrock unit, and an open borehole without casing or screen extends through the isolation casing and into the bedrock unit. Deep wells are promptly completed with 2" PVC casing and screen following completion of downhole geophysical logging activities. Boring logs generated since the previous report are provided as **Appendix B**.

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

Each monitoring well present and without measurable free product at the time of the groundwater monitoring event for this reporting period was sampled August 2 - 6, 2021. Monitoring well sampling was performed in accordance with the United States Environmental Protection Agency (U.S. EPA) "Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells". During low-flow purging and sampling activities, continuous parameter readings were collected through a flow-through cell and measured for select stabilization parameters including: temperature, specific conductance, pH, oxygen reduction potential, dissolved oxygen, and turbidity. These parameters were recorded at periodic intervals. Typical criteria for stabilization is defined as specific conductance within 3%, pH within 0.1 units, oxidation reduction potential within 10 millivolts, dissolved oxygen within 0.3 milligrams per liter (mg/L), and turbidity within 10% over three consecutive measurements.

Groundwater samples were collected in laboratory supplied bottle ware, placed on ice, and transported, via chain-of-custody protocol, to Pace. Samples were analyzed for the presence of VOCs by EPA Method 6200, VPH by the MADEP Method, and lead by EPA method 6010D. Groundwater sampling logs are provided in **Appendix C**. Detections of analyzed constituents in monitoring wells are depicted on **Figure 8**. Isoconcentration maps for benzene, diisopropyl ether, methyl-tert butyl ether, naphthalene, toluene, total xylenes, C5-C8 Aliphatics, C9-C12 Aliphatics, and C9-C10 Aromatics are provided as **Figure 9** through **Figure 17**, respectively. Analytical results are summarized in **Table 5A** and copies of the laboratory reports are provided in **Appendix A**. Analytical results of select oxygenate sampling are summarized in **Table 5B**. A summary of well construction details is provided as **Table 6**. Detections of lead, bromodichloromethane, chloroform, dibromochloromethane, 1,1-dichloroethane, 1,2-dichloroethane, methylene chloride, 1,1,1,2-Tertachloroethane, and tetrachloroethene are not attributed to Incident No. 95827.

Weekly water supply well (WSW) sampling was completed by Apex during the reporting period. WSW samples were collected in laboratory supplied bottle ware, placed on ice, and transported, via standard chain-of-custody

protocol, to Pace. Samples were analyzed for the presence of VOCs by EPA Method 6200, VPH by the MADEP Method, and lead by EPA method 6010D. Samples collected on August 10, 2021 were also analyzed for oxygenates by EPA Method 6200. Results are shown on **Table 5B** for sampling of select oxygenates. WSW sampling results (detections only) are depicted on **Figure 18** and summarized in **Table 7**. **Table 8** shows WSW receptor information. Copies of the laboratory reports are provided in **Appendix A**.

At the time of this submittal, there have been no detections of petroleum constituents in WSW samples. In accordance with NCDEQ guidance, and based on current data, CPC will continue sampling residential WSWs within 1,500 feet of the release site.

5.0 SURFACE WATER INVESTIGATION ACTIVITIES AND RESULTS

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

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

6.0 REMEDIATION ACTIVITIES SUMMARY

6.1 Air Sparge and Soil Vapor Extraction System

A 72-hour pilot test for the air sparge and soil vapor extraction system was initiated on August 23, 2021. The objective of the air sparge and soil vapor extraction system is to decrease the migration of dissolved phase hydrocarbons south of the release site and recovery well network. A total of 22 air sparge wells and 18 soil vapor extraction wells have been installed (**Figure 19**). Vapor recovered from soil vapor extraction wells is routed through a temporary thermal oxidation unit. Trailer and skid mounted air sparge and soil vapor extraction equipment will be utilized as an interim remedial measure until NCDEQ approval of a Corrective Action Plan for Incident No. 95827.

6.2 Free Product Recovery Activities

As of August 23, 2021, a total of 79 vacuum enhanced recovery wells and 56 hydraulic control wells have been installed within the release site (**Figure 20**). Pneumatic recovery pumps are operated in the wells and vacuum is applied to the wells to enhance recovery. As of August 23, 2021, approximately 1,154,856 gallons of gasoline free product has been recovered from the recovery well network. Total product recovery during the soil excavation activities (2,273 gallons), the emergency response activities (90,930 gallons), soil vapor recovery (4,938 gallons), and from the recovery well network (1,154,856 gallons) is approximately 1,252,997 gallons. A summary of system one and system two vapor recovery operations information is provided in **Table 9** and **Table 10**, respectively.

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

7.0 WASTE DISPOSAL ACTIVITIES

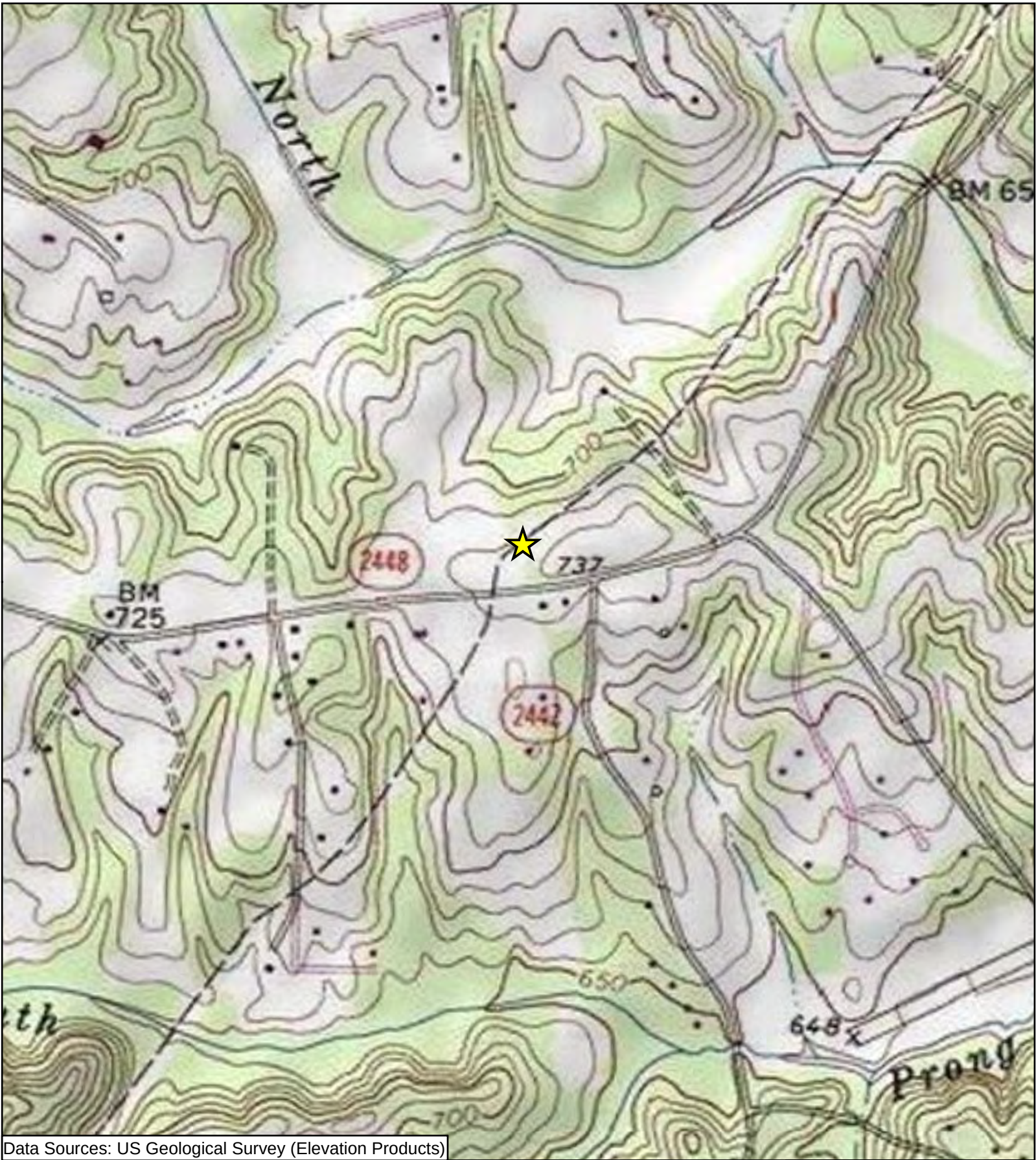
Waste streams and recovered petroleum fuels generated at the Site in connection with abatement and corrective action activities include petroleum contact water and soil. Since recovery efforts were initiated, petroleum contact water has been sent to Aaron Oil Company, Inc. located in Saraland, Alabama,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

Copies of bills of lading and waste manifests covering the July 2021 period are provided in **Appendix E**.

8.0 CONCLUSIONS

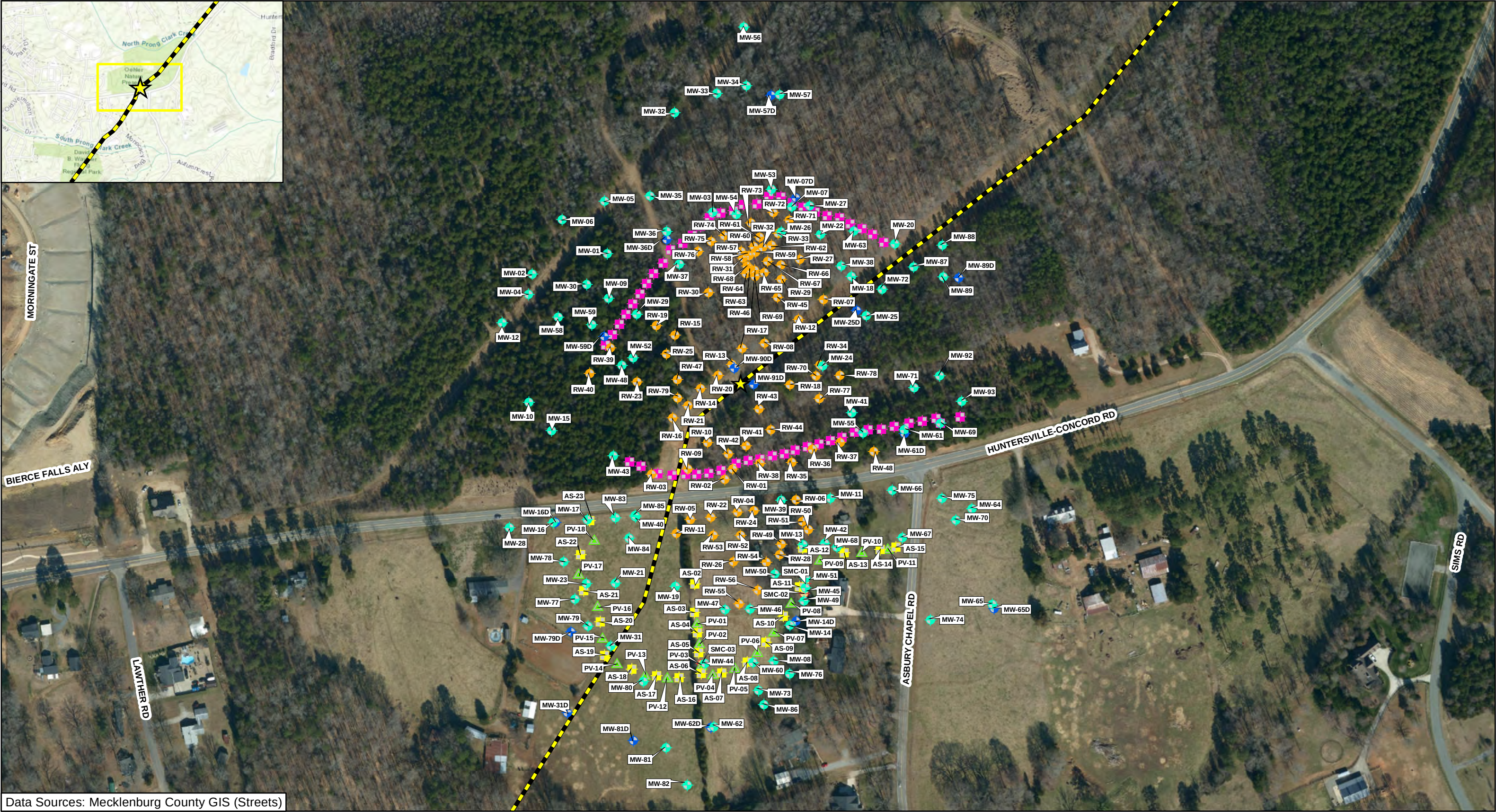
A total of 284 wells (109 monitoring wells, 79 recovery wells, 56 hydraulic control wells, and 40 air sparge system wells) were installed at the Site between August 27, 2020 and August 20, 2021. Detections of lead, bromodichloromethane, chloroform, dibromochloromethane, 1,1-dichloroethane, 1,2-dichloroethane, methylene chloride, 1,1,1,2-Tetrachloroethane, and tetrachloroethene are not attributed to Incident No. 95827. **Figure 9** through **Figure 17**, depict the horizontal and vertical extent of dissolved phase petroleum impacts, based on the August 2021 groundwater sampling results. Weekly WSW sampling continues to show no petroleum constituents. Bi-weekly surface water sampling continues to show no petroleum constituents above North Carolina Title 15A NCAC 02B regulations. Free product recovery activities continue. As per NCDEQ's Notice dated September 25, 2020, groundwater monitoring reports will be submitted to the NCDEQ Mooresville Regional Office each subsequent month until that schedule is revised.

FIGURES



Data Sources: US Geological Survey (Elevation Products)

	Checked By:	AS	Site Location Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 07501,5002,250 Feet	Figure	 
	Created By:	CW		1	
	Scale:	1 " = 750 FT		 Release Site	
	Date/Time:	08/20/2021; 10:21			
	Project No.:	CPC20126			



Data Sources: Mecklenburg County GIS (Streets)

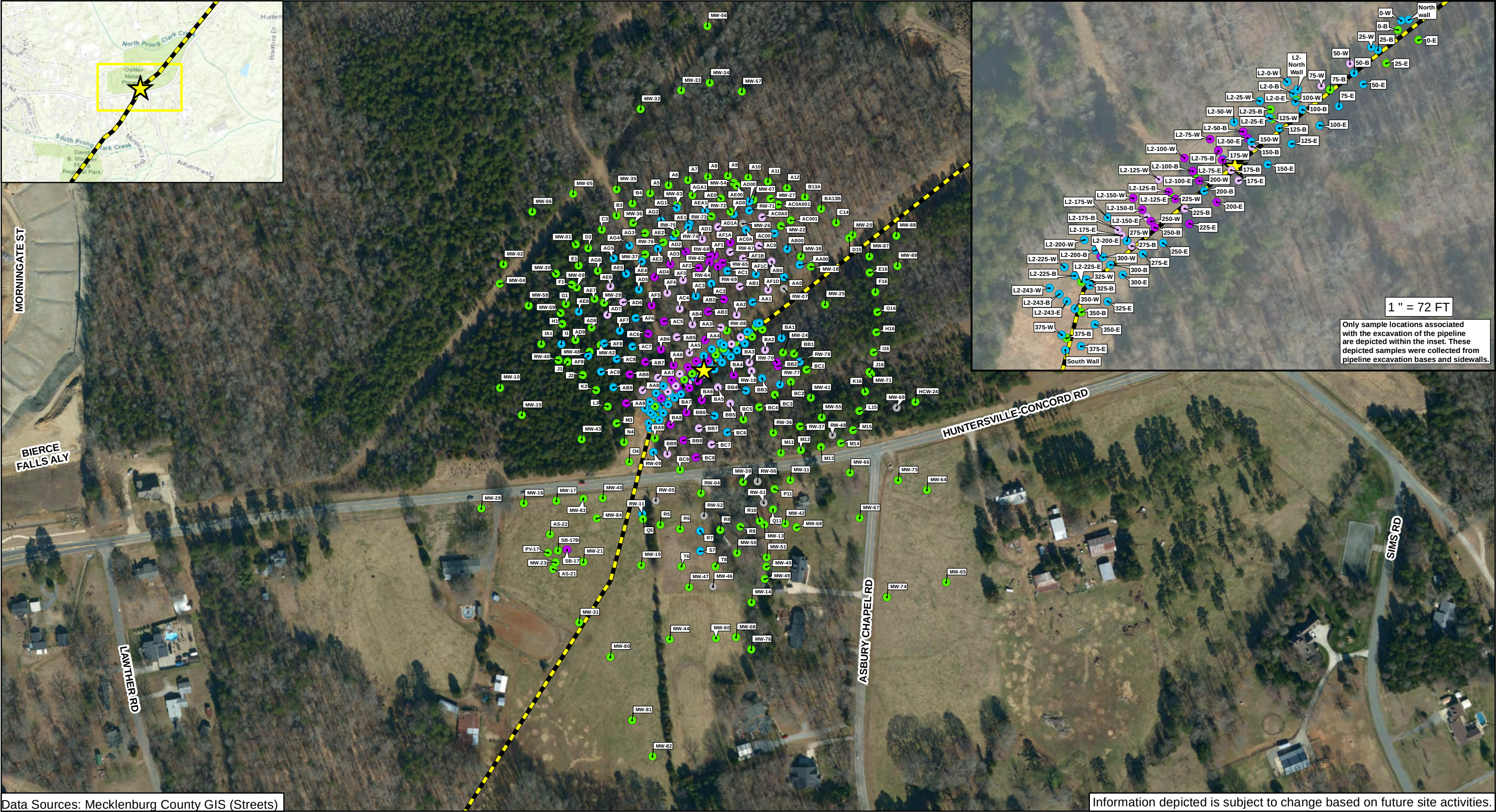
	Checked By:	AS	Site Plan Colonial Pipeline Company 2020-L1-SR2448 Release Huntersville, North Carolina 0200400600 Feet	 Release Site  Monitoring Well  Air Sparge					FIGURE 2
	Created By:	CW		 Pipeline  Monitoring Well (Bedrock)  Vapor Point					
	Scale:	1 " = 217 FT		 Recovery Well  Piezometer					
	Date/Time:	08/30/2021; 09:22		 Hydraulic Control Well					
	Project No.:	CPC20126							



Data Sources: Mecklenburg County GIS (Streets, Parcels)

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

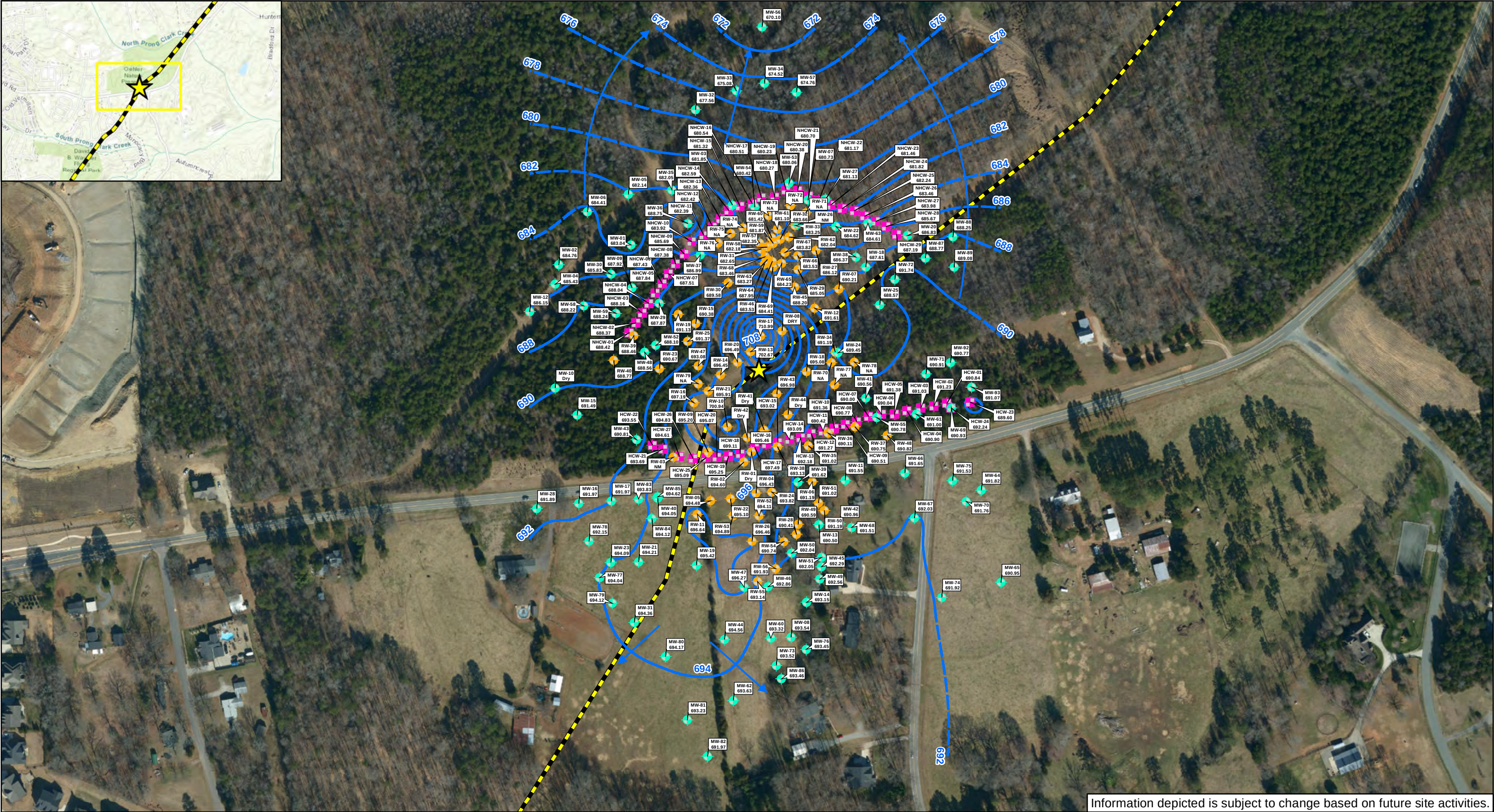
	Checked By:	AS	Potential Receptor Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 06001,2001,800 Feet			Release Site Pipeline Parcel Boundaries	Water Supply Well (Potable Use) Water Supply Well (Abandoned)	Water Supply Well (Non-Potable Use) Water Supply Well (Inactive Use)			FIGURE 3
	Created By:	CW									
	Scale:	1" = 600 FT									
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Data Sources: Mecklenburg County GIS (Streets)

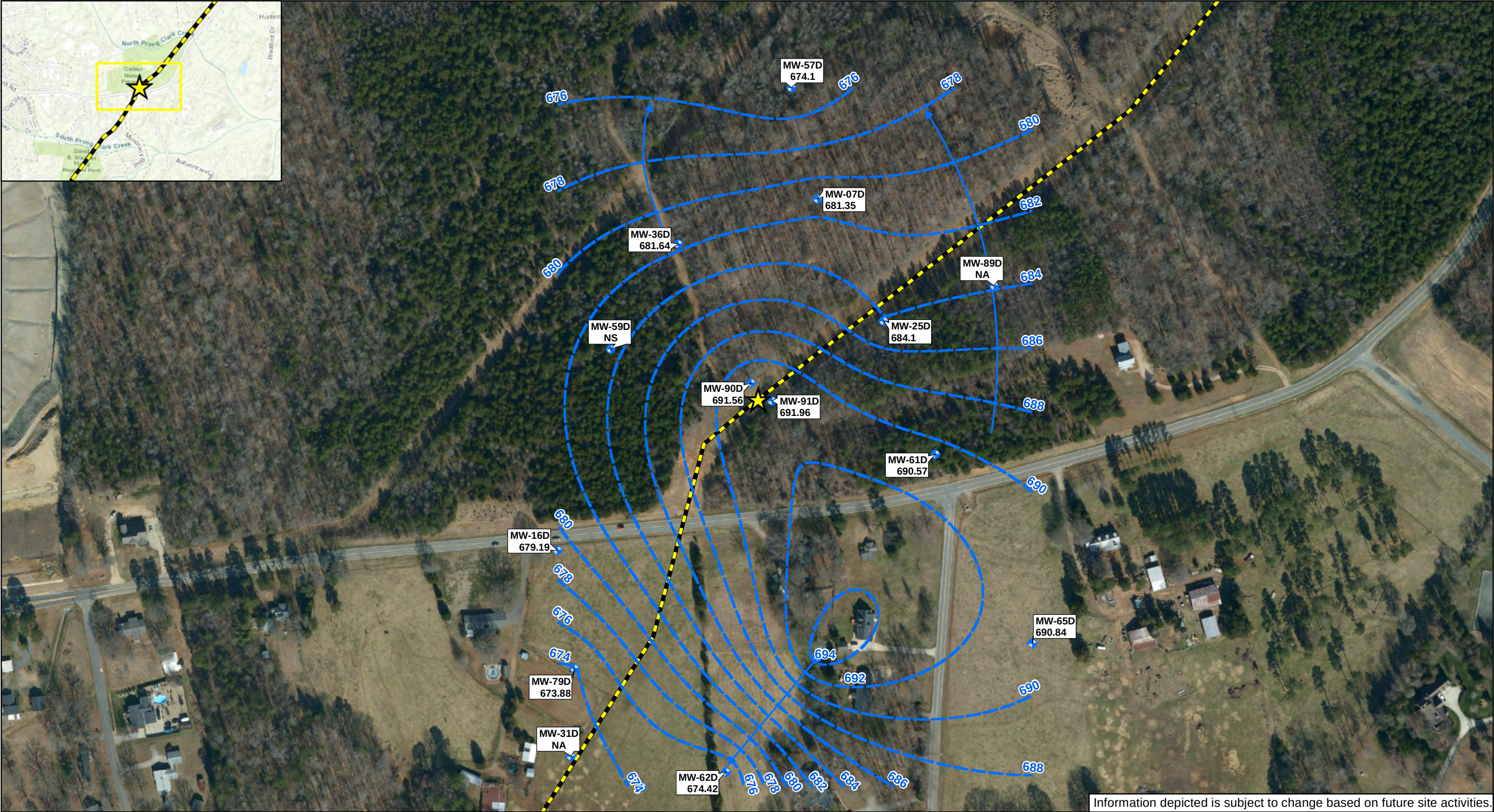
Information depicted is subject to change based on future site activities.

	Checked By:	TN	Pipeline Excavation and Delineation Soil Sampling Results Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0225450675 Feet	 Release Site  Pipeline  Below Maximum Soil Contaminant Concentration Levels (MSCCs)  Exceeds Soil-To-Water (MSCCs)  Soil Sample Collected At or Below the Saturated Interval  Exceeds Residential Soil Clean Up Levels (MSCCs)  Exceeds Industrial/Commercial Soil Levels (MSCCs)			FIGURE 4
	Created By:	CW					
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	Date/Time:	08/30/2021; 09:27					
	Project No.:	CPC20126					
Note: See Table 1 and Table 2 for detailed results.							



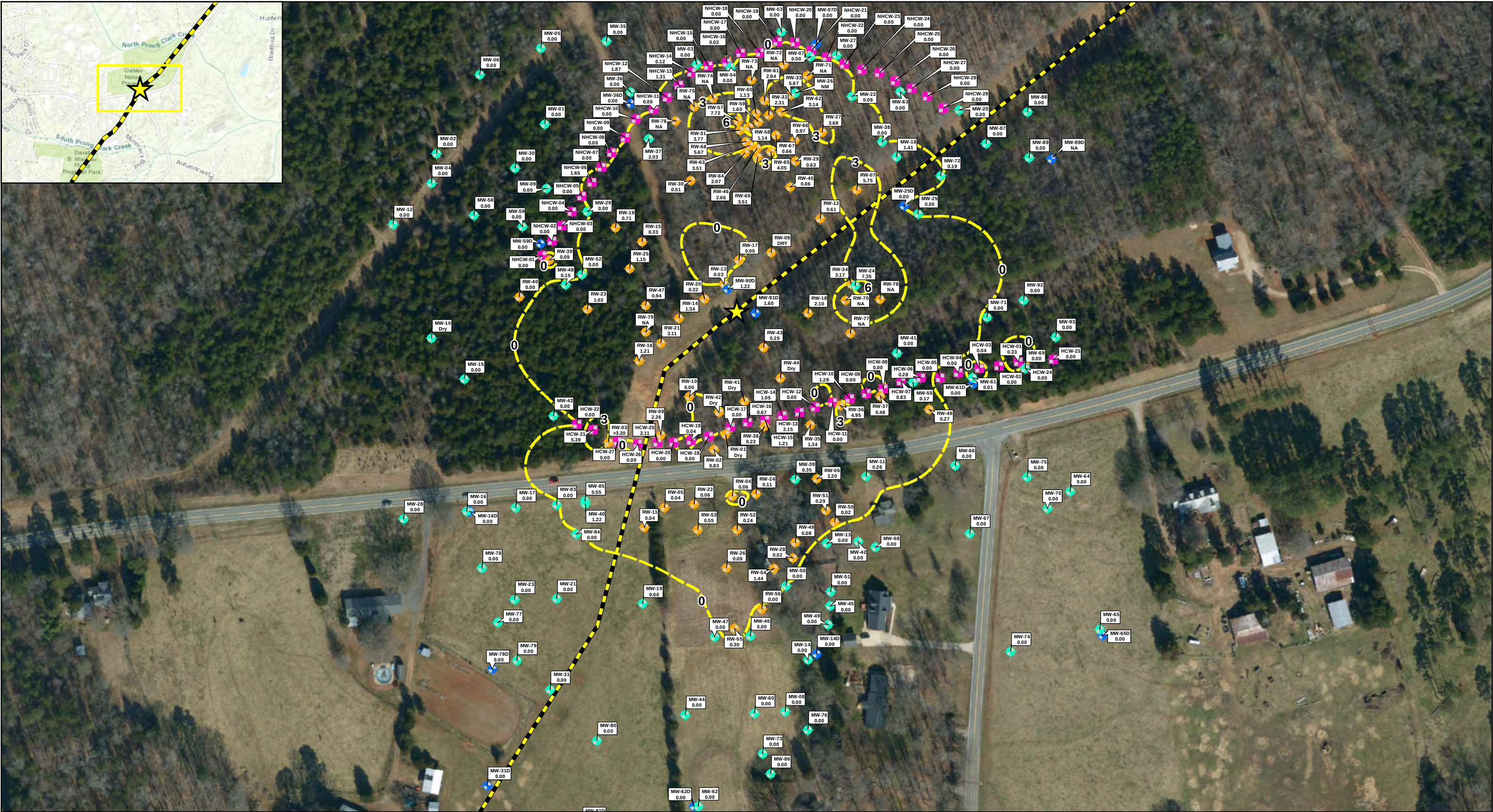
Information depicted is subject to change based on future site activities.

	Checked By:	TN	Groundwater Potentiometric Surface Map - Surficial Unit Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina	 Release Site  Equipotential Contour (ft. amsl) (Dashed where Inferred)  Pipeline  Apparent Groundwater Flow Direction	 Monitoring Well  Recovery Well  Hydraulic Control Well			FIGURE 5	
	Created By:	CW							
	Scale:	1 in = 225 ft		NOTES: Contours based on well gauging data collected 07/28/2021; Groundwater elevation measurements shown in feet amsl (above mean sea level); The following locations, denoted as 'NM' (Not Measured) 'Dry', or 'N/A' (Not Applicable) were not used in contouring: MW-10 (Dry), MW-26 (NM), RW-01/03/08/41/42/44 (Dry), RW-70/71/72/73/74/75/76/77/78/79 (NA) Contours interpolated using Surfer (Kriging)					
	Date/Time:	08/30/2021; 09:38							
	Project No.:	CPC20126							
									



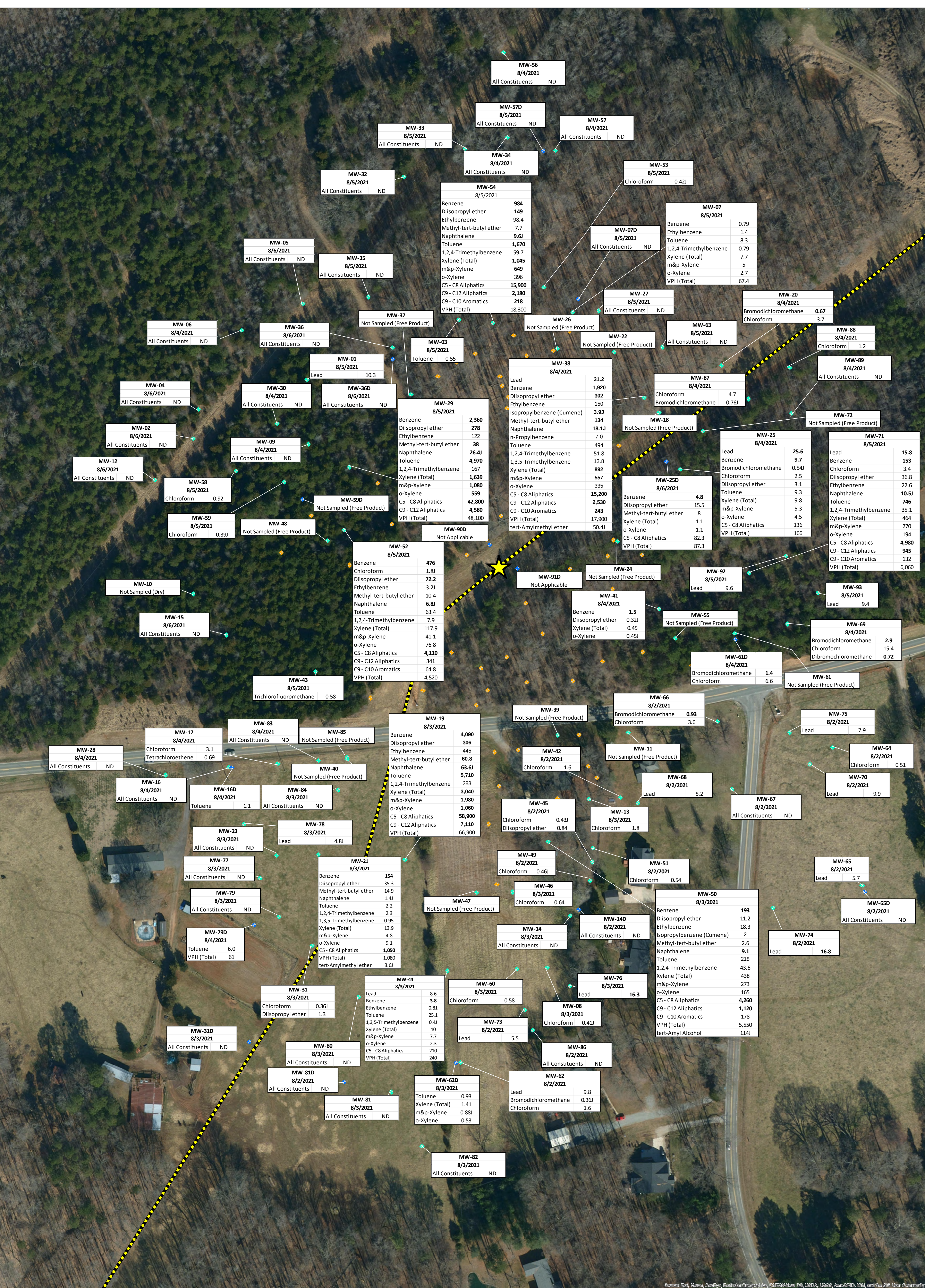
Information depicted is subject to change based on future site activities.

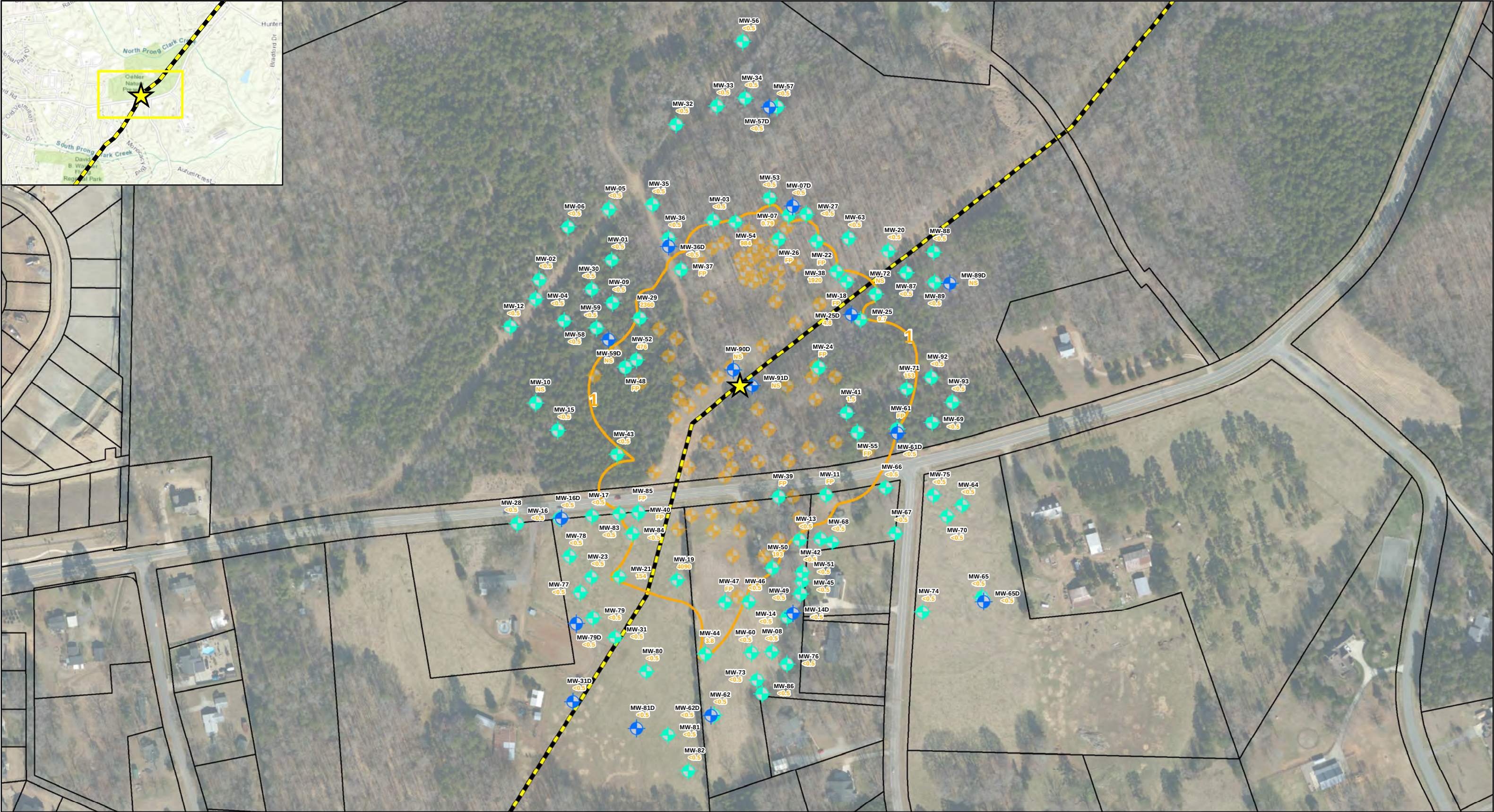
	Checked By:	TN	Groundwater Potentiometric Surface Map - Bedrock Unit Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline Equipotential Contour (ft amsl) Apparent Groundwater Flow Direction Monitoring Well (Bedrock)					FIGURE 6
	Created By:	CW							
	Scale:	1 " = 200 FT							
	Date/Time:	08/30/2021; 09:42							
	Project No.:	CPC20126							
			NOTES: Contours based on monitoring well gauging data collected on 07/28/2021; Groundwater elevation measurements shown in feet amsl (above mean sea level); The following wells, denoted as 'NA'(Not Applicable), 'NM'(Not Measured), or 'NS' (Not Sampled), were not used in contouring: MW-59D (NS),MW-31D(NA), MW-89D (NA); Contours interpolated using Surfer (Kriging)						



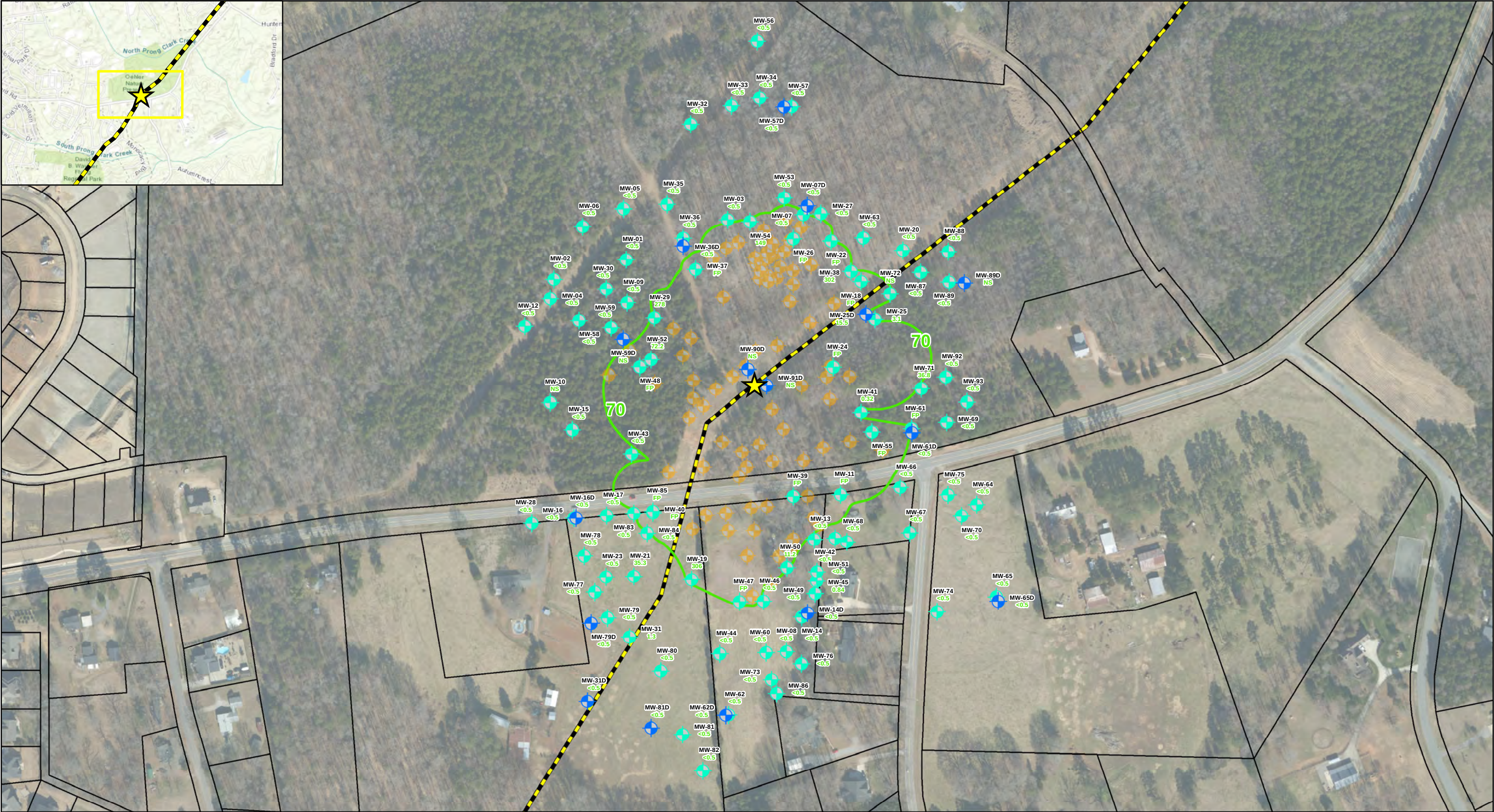
	Checked By:	TN	Free Product Distribution Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina	Release Site Pipeline Apparent Free Product Thickness Contour	Hydraulic Control Well Monitoring Well Monitoring Well (Bedrock) Recovery Well			FIGURE 7
	Created By:	CW						
	Scale:	1" = 150 FT						
	Date/Time:	08/30/2021; 09:46						
	Project No.:	CPC20126						

NOTES:
All gauging measurements taken 07/28/2021;
Free Product Thickness determined from apparent thickness in wells only and shown in feet;
The following locations, denoted as NM (Not Measured), N/A (Not Applicable), or Dry, were not used in contouring: MW-10 (Dry), MW-26 (NM), RW-01/-08/-41/-42/-44 (Dry), RW-70/-71/-72/-73/-74/-75/-76/-77/-78/-79 (NA), MW-89D (NA)
Contours created using Surfer (Kriging).

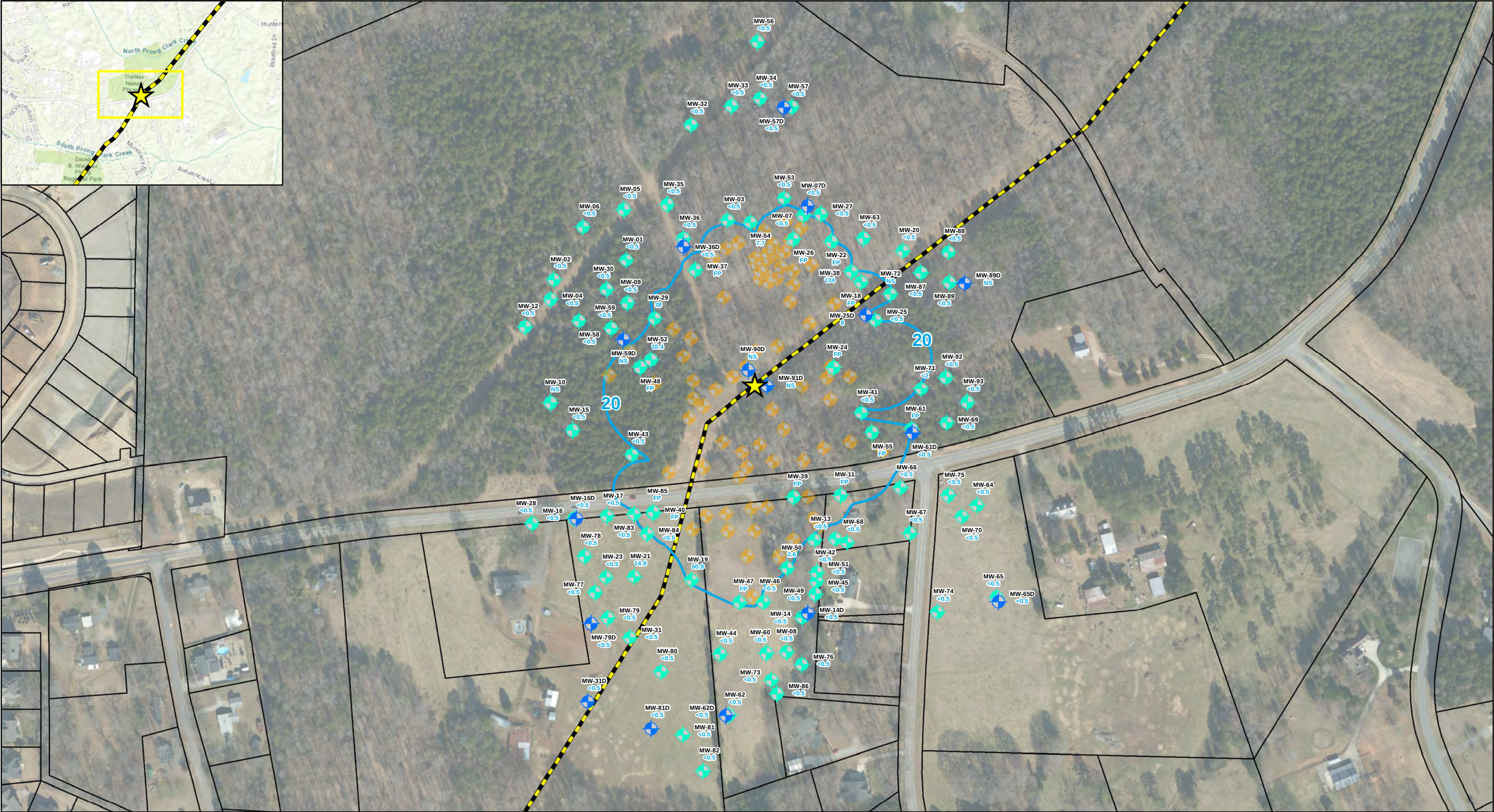




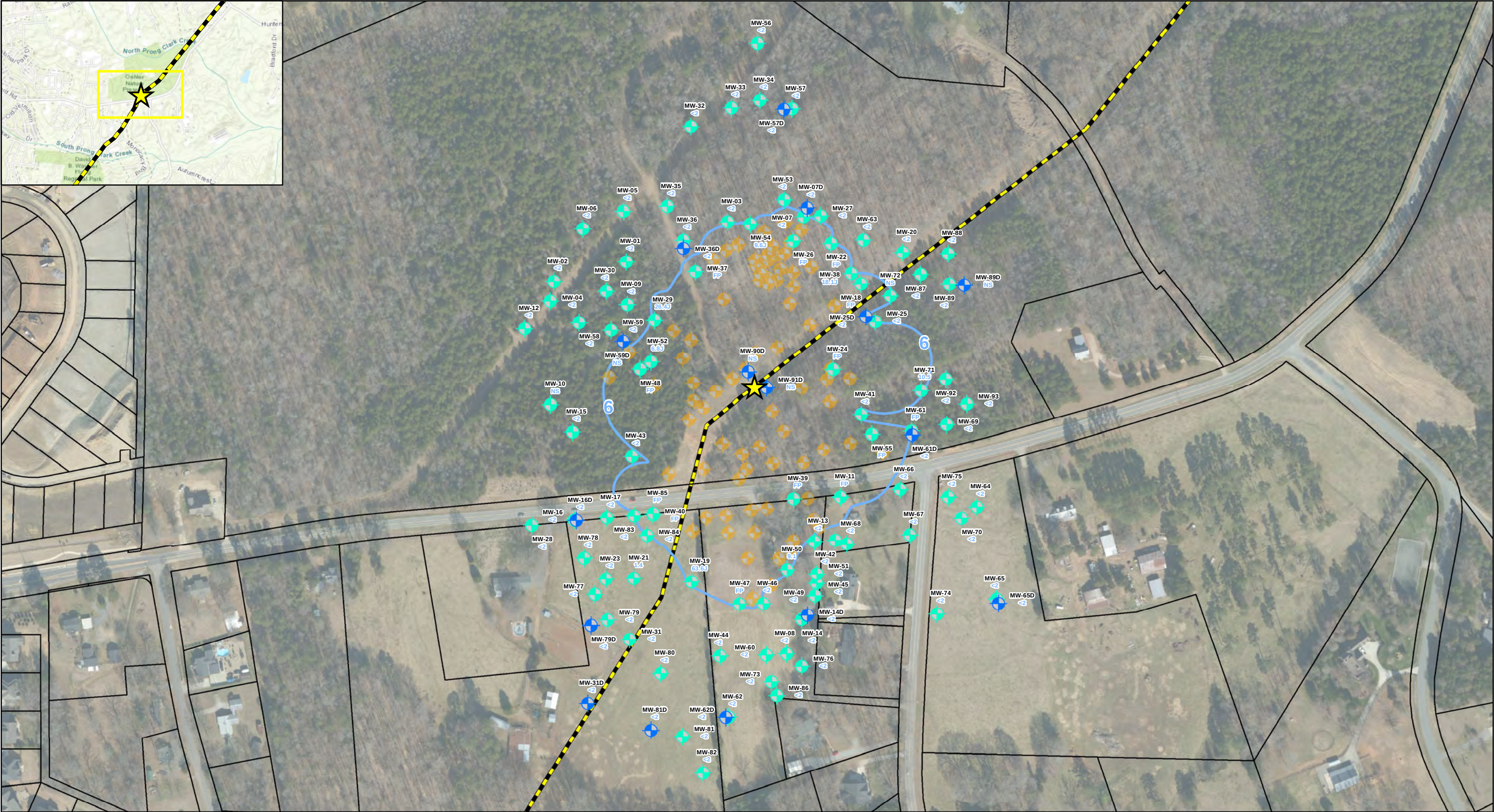
	Checked By:	JM	Benzene Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0200400600 Feet	Release Site Pipeline Benzene Isocontour (Dashed where Inferred)	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 476 Benzene Concentration (µg/L) FP = Free Product NS = Not Sampled NA = Not Applicable µg/L = Micrograms per Liter
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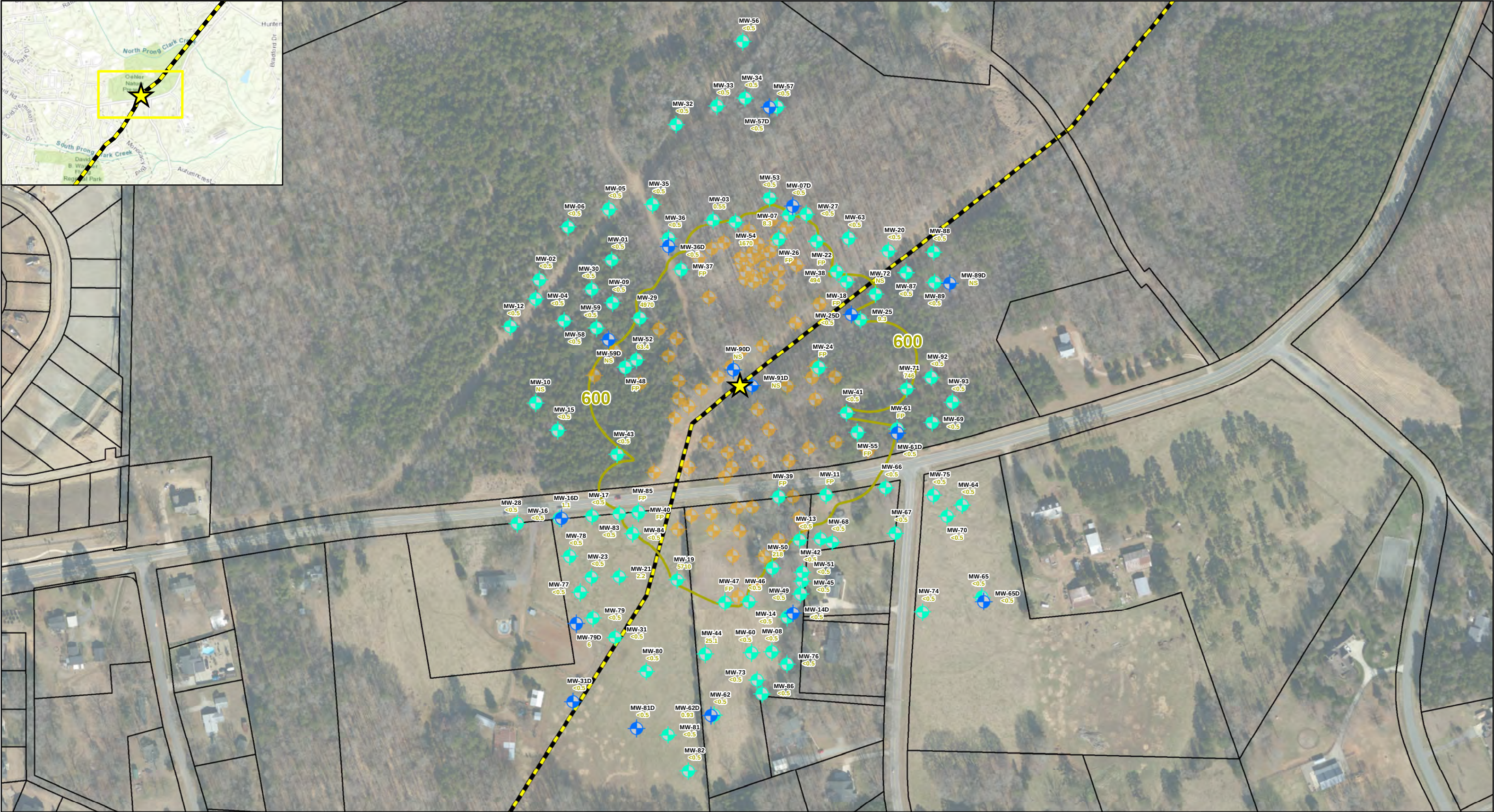
	Checked By:	JM	Diisopropyl Ether Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina	Release Site Pipeline Diisopropyl Ether Isocontour	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 72.2 Diisopropyl Ether Concentration (µg/L) FP = Free Product NS = Not Sampled NA = Not Applicable µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Diisopropyl Ether is 70 µg/L Bedrock Wells Not Used For Contouring			FIGURE 10
	Created By:	CW							
	Scale:	1" = 225 FT							
	Date/Time:	08/30/2021; 09:55							
	Project No.:	CPC20126							



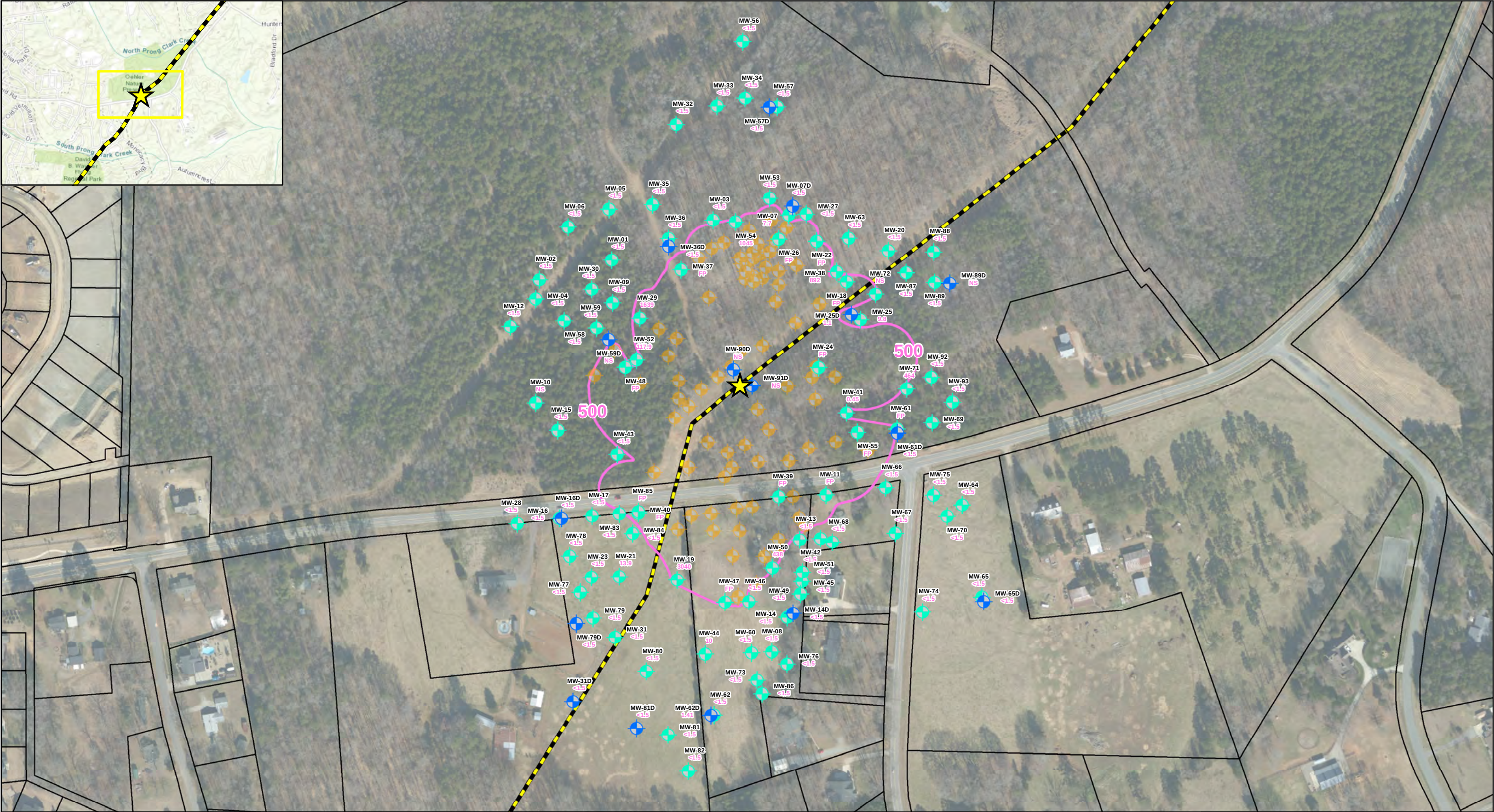
	Checked By:	JM	Methyl-Tert Butyl Ether Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0200400600 Feet	Release Site Pipeline Methyl-Tert Butyl Ether Isocontour	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 10.4 Methyl-Tert Butyl Ether Concentration (µg/L) FP = Free Product NS = Not Sampled NA = Not Applicable µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Methyl-Tert Butyl Ether is 20 µg/L Bedrock Wells Not Used For Contouring			FIGURE 11
	Created By:	CW							
	Scale:	1" = 225 FT							
	Date/Time:	08/30/2021; 10:00							
	Project No.:	CPC20126							



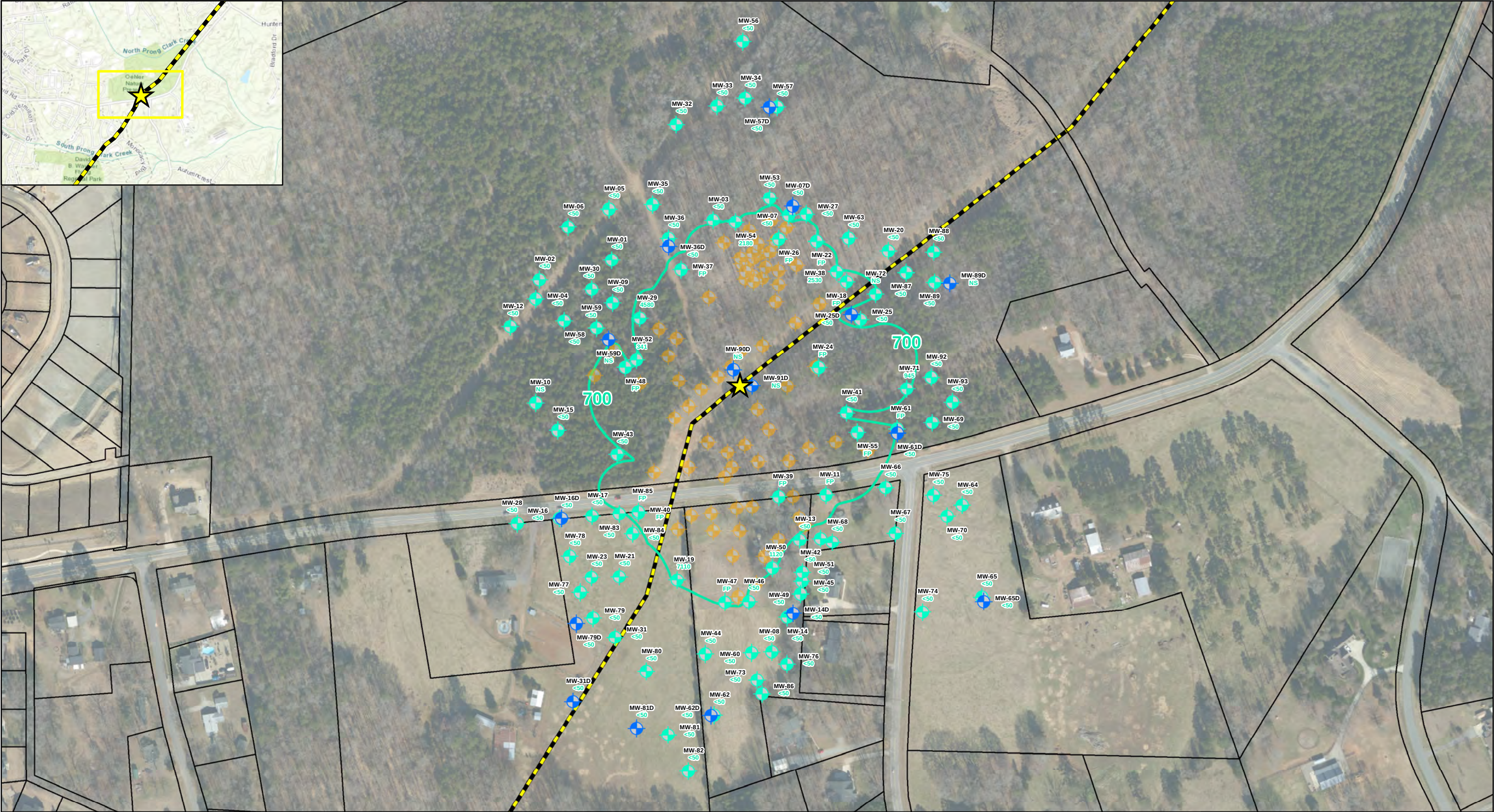
	Checked By:	JM	Naphtahlene Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 	Release Site Pipeline Napthalene Isocontour	<2 Constituent Not Detected Above Laboratory Practical Quantitation Limit 6.8 Naphthalene Concentration (µg/L) FP = Free Product NS = Not Sampled NA = Not Applicable µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Naphthalene is 6 µg/L Bedrock Wells Not Used For Contouring		FIGURE 12
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	Scale:	1" = 225 FT						
	Date/Time:	08/30/2021; 10:03						
	Project No.:	CPC20126						



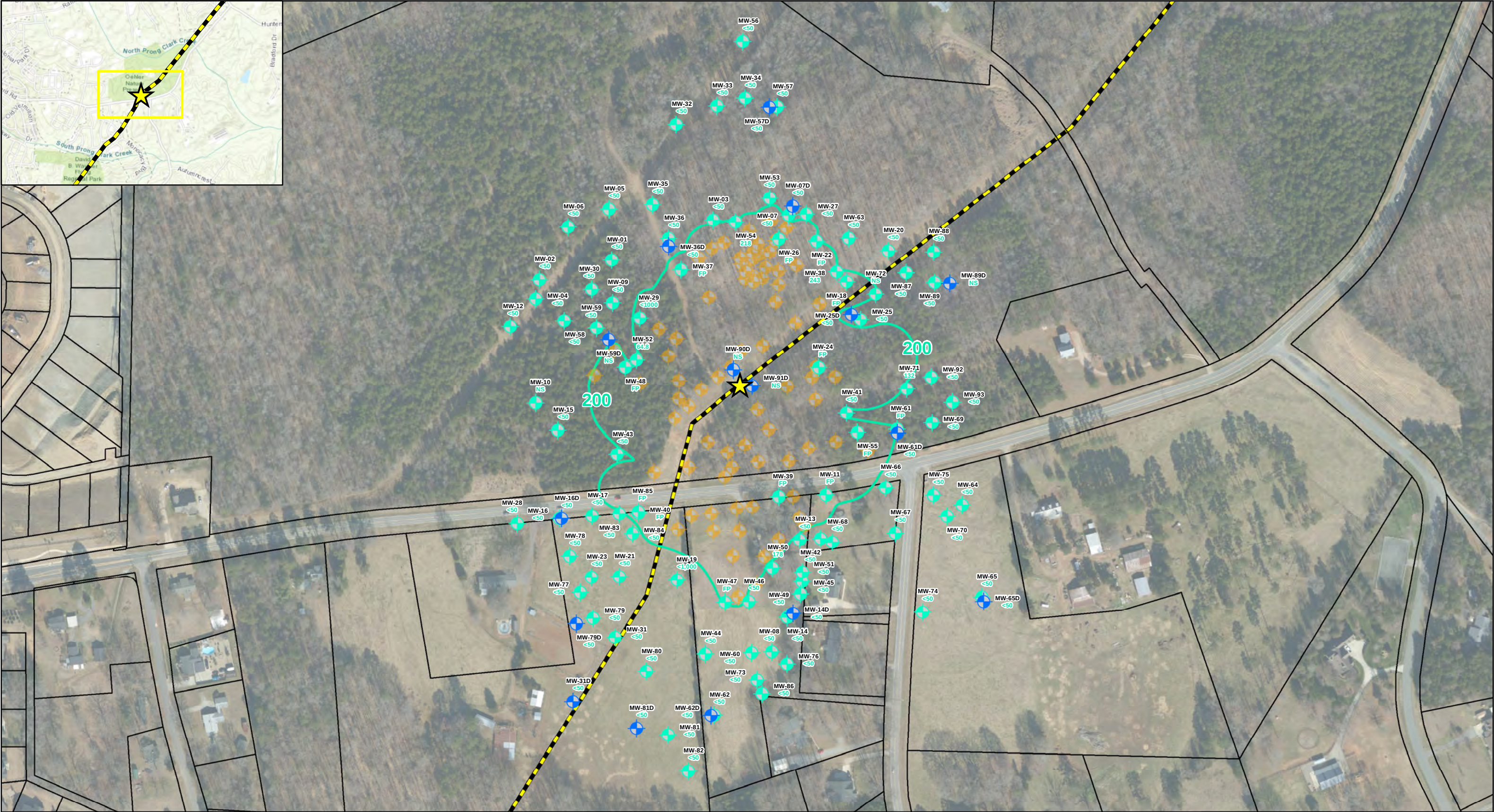
	Checked By:	JM	Toluene Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet		Release Site Pipeline Toluene Isocontour	<0.5 Constituent Not Detected Above Laboratory Practical Quantitation Limit 63.4 Toluene Concentration (µg/L) FP = Free Product NS = Not Sampled NA = Not Applicable µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Toluene is 600 µg/L Bedrock Wells Not Used For Contouring			FIGURE 13
	Created By:	CW								
	Scale:	1" = 225 FT								
	Date/Time:	08/30/2021; 10:04								
	Project No.:	CPC20126								



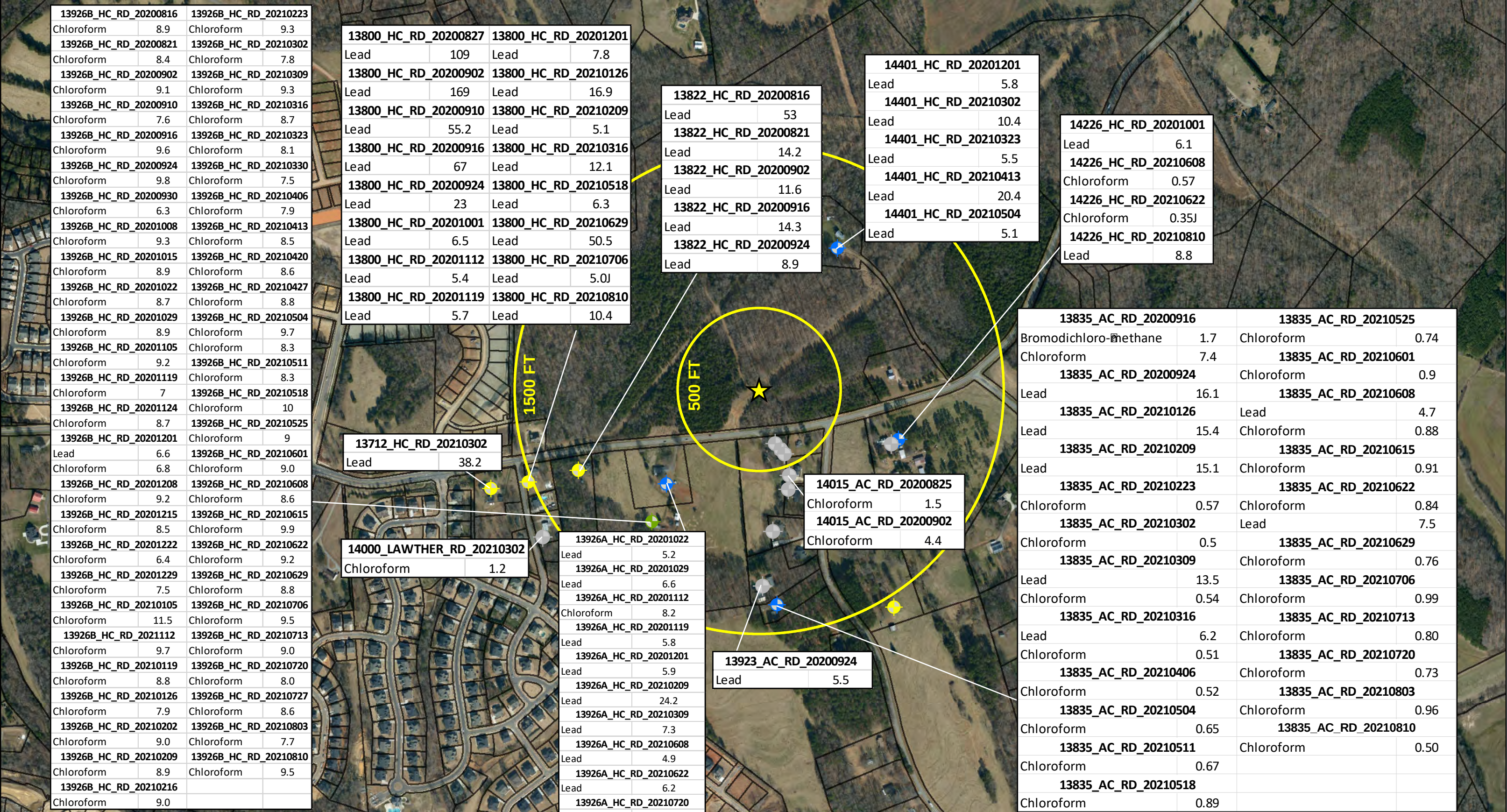
	Checked By:	TN	Total Xylenes Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline 5000 Total Xylenes Isocontour	Constituent Not Detected Above Laboratory Practical Quantitation Limit 117.9 Total Xylenes Concentration (µg/L) FP = Free Product NS = Not Sampled NA = Not Applicable µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for Total Xylenes is 500 µg/L Bedrock Wells Not Used For Contouring			FIGURE 14
	Created By:	CW							
	Scale:	1" = 225 FT							
	Date/Time:	08/30/2021; 10:06							
	Project No.:	CPC20126							



	Checked By:	TN	C9-C12 Aliphatics Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline C9-C12 Aliphatics Isocontour (Dashed where Inferred)	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for C9-C12 Aliphatics is 700 µg/L Bedrock Wells Not Used For Contouring		FIGURE 16
	Created By:	CW					
	Scale:	1" = 225 FT					
	Date/Time:	08/30/2021; 10:17					
	Project No.:	CPC20126					



	Checked By:	TN	C9-C10 Aromatics Isoconcentration Map Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina 0 200 400 600 Feet	Release Site Pipeline C9-C10 Aromatics Isocontour (Dashed where Inferred)	<50 Constituent Not Detected Above Laboratory Practical Quantitation Limit 64.8 C9-C10 Aromatics Concentration (µg/L) FP = Free Product NS = Not Sampled NA = Not Applicable µg/L = Micrograms per Liter	Recovery Well Monitoring Well Monitoring Well (Bedrock) NCDEQ 2L Standard for C9-C10 Aromatics is 200 µg/L Bedrock Wells Not Used For Contouring			FIGURE 17
	Created By:	CW							
	Scale:	1" = 225 FT							
	Date/Time:	08/30/2021; 10:19							
	Project No.:	CPC20126							



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

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

Checked By: JM

Created By: CW

Scale: 1" = 550 FT

Created On: 08/24/2021; 17:54

Project No.: CPC20126

Water Supply Well Sampling Results (Detections Only)

Colonial Pipeline Company

2020-L1-SR2448

Huntersville, North Carolina

05501,1001,650

Feet

★ Release Site

□ Parcel Boundaries

Note:

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

⬆ Non-Potable Use Well

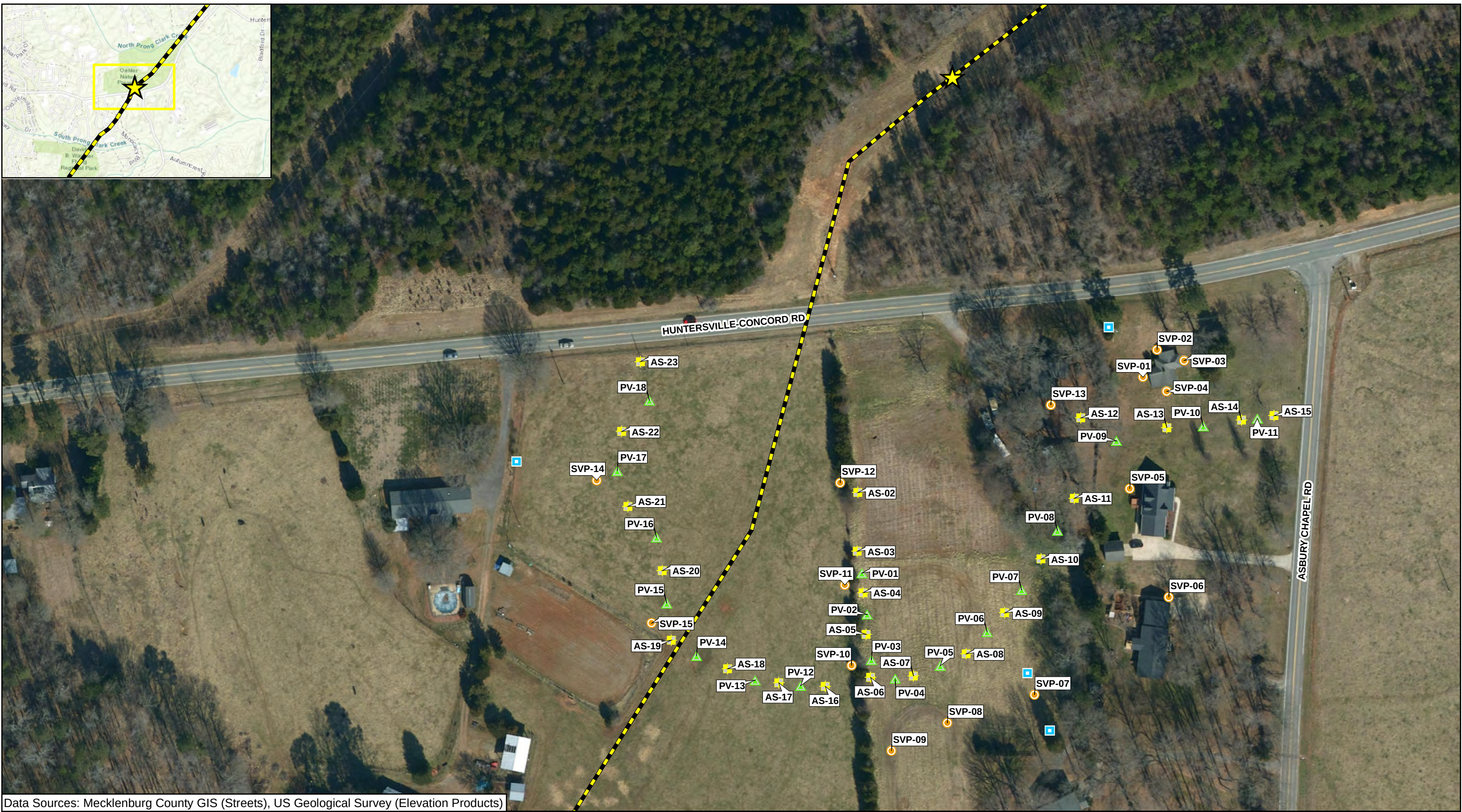
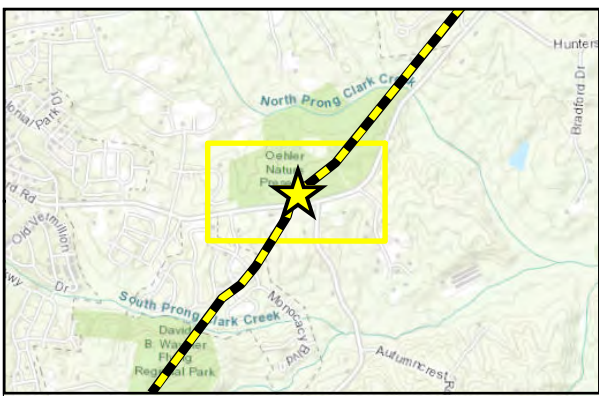
⬆ Potable Use Well

⬆ Inactive Use Well

⬆ Abandoned Well

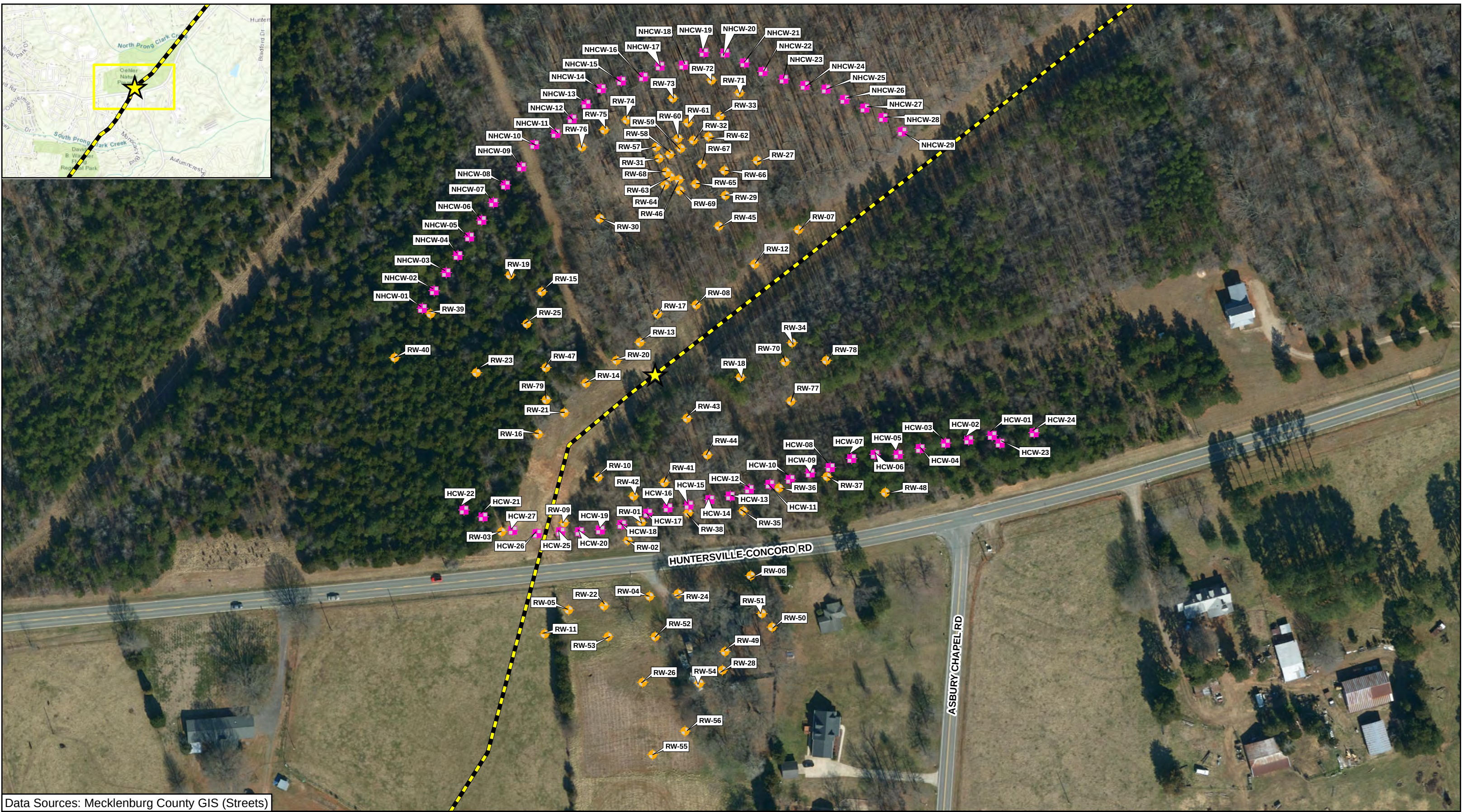
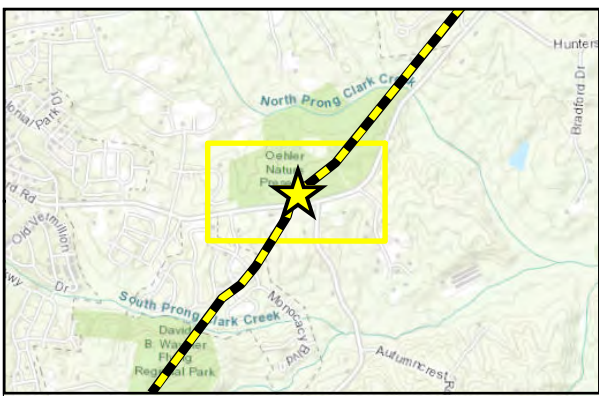
FIGURE

18



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

	Checked By:	AS	Air Sparge System Layout Colonial Pipeline Company 2020-L1-SR2448 Huntersville, North Carolina	Release Site Air Sparge Well Soil Vapor Monitoring Point Pipeline Soil Vapor Extraction Well AreaRae Monitoring Station			FIGURE 19
	Created By:	CW					
	Scale:	1 " = 100 FT					
	Date/Time:	08/20/2021; 10:30					
	Project No.:	CPC20126					



Data Sources: Mecklenburg County GIS (Streets)

	Checked By:	AS
	Created By:	CW
	Scale:	1" = 120 FT
	Date/Time:	08/20/2021; 10:31
	Project No.:	CPC20126

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

0 120 240 360 Feet

★ Release Site ♦ Recovery Well
--- Pipeline ■ Hydraulic Control Well



FIGURE

20

TABLES

Table 1
Summary of Pipeline Excavation Soil Sampling Results

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

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA 8260D) (mg/kg)																									MADEP VPH (mg/kg)				
			1,1,2-Trichloroethane	1,1-Dichloroethane	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Chlorobenzene	Chloroform	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl-tert-butyl ether	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	o-Xylene	Xylene (Total)	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	
Soil-to-Water MSCCs			0.0032	0.0019	NE	6.6	6.6	16	24	0.0072	0.44	0.34	0.32	8.0	1.3	0.085	0.023	0.2	0.9	0.0050	6.0	6.0	6.0	2.4	1.4	NE	2.2	68	540	31	NE	
Residential MSCCs			11.6	7.29	NE	156	156	9,380	14,000	12	312	21	NE	60.3	1,560	156	93.8	5.5	3,120	93.8	3,120	3,120	3,120	782	1,560	NE	1,560	625	1,560	469	NE	
Industrial / Commercial MSCCs			57.3	35.9	NE	2,330	2,330	140,000	210,000	59.4	4,670	105	2,330	297	23,330	1,810	1,400	27	46,700	1,400	46,700	46,700	46,700	11,600	23,300	NE	23,300	9,340	23,300	7,000	NE	
92506678	North Wall	11/17/2020	<0.00446	<0.00446	<0.00891	0.00441J	<0.00891	<0.178	<0.0891	0.0203	<0.00446	<0.00446	<0.00178	0.00665	<0.00446	0.000981J	<0.0446	<0.0224	<0.0224	<0.00446	0.0666	NA	0.0323	<0.0224	<0.00891	<0.00891	<0.0224	<8.65	<8.65	<8.65	<8.65	
92506678	South Wall	11/17/2020	<0.00649	<0.00649	<0.0130	0.00538J	<0.0130	<0.259	<0.130	0.0222	<0.00649	<0.00649	<0.00259	0.0168	<0.00649	0.0582	0.0178J	<0.0324	<0.0324	<0.00649	0.147	NA	0.0722	<0.0324	<0.0130	<0.0130	<0.0324	<8.64	<8.64	<8.64	<8.64	
92506486	0-B	11/15/2020	<0.00450	<0.00450	0.0508	0.0784	0.0350	<0.180	<0.0901	0.00225	<0.00450	<0.00450	<0.00180	0.00411J	0.000995J	<0.00180	<0.0450	0.122	<0.0225	<0.00450	0.0108	NA	0.0286	<0.0225	0.00368J	0.0119	0.00541J	<9.22	4.63J	<9.22	4.63J	
92506486	0-E	11/15/2020	<0.00431	<0.00431	<0.00862	0.00281J	<0.00862	<0.172	<0.0862	<0.00172	<0.00431	<0.00431	<0.00172	0.00150J	<0.00431	0.00248	<0.0431	<0.0216	0.000412J	<0.00431	0.00252J	NA	0.00179J	<0.0216	<0.00862	<0.00862	<0.0216	<8.68	<8.68	<8.68	<8.68	
92506486	0-W	11/15/2020	<0.00440	<0.00440	0.0132	0.0372	0.0159	<0.176	<0.0880	0.138	<0.00440	<0.00440	0.00525	0.0284	0.00161J	0.000880J	<0.0440	<0.0220	<0.0220	<0.00440	0.518	NA	0.287	<0.0220	0.00498J	<0.00880	<0.0220	3.97J	<8.86	<8.86	3.97J	
92506486	25-B	11/15/2020	<0.00451	<0.00451	0.0341	0.101	0.0466	<0.181	<0.0903	0.0143	<0.00451	<0.00451	<0.00181	0.0312	0.00289J	<0.00181	<0.0451	<0.0226	<0.0226	<0.00451	0.136	NA	0.226	<0.0226	0.0155	<0.00903	<0.0226	4.26J	3.34J	<8.83	7.60J	
92506486	25-E	11/15/2020	<0.00472	<0.00472	<0.00945	0.00316J	<0.00945	<0.189	<0.0945	0.00185J	<0.00472	<0.00472	<0.00189	0.00171J	<0.00472	0.00148J	<0.0472	<0.0236	<0.0236	<0.00472	0.00584J	NA	0.00282J	<0.0236	<0.00945	<0.00945	<0.0236	4.57J	<9.48	<9.48	4.57J	
92506486	25-W	11/15/2020	<0.00444	<0.00444	0.0436	0.131	0.0356	<0.178	<0.0889	0.444	<0.00444	<0.00444	0.0509	0.180	0.00685	0.00624	<0.0444	<0.0222	<0.0222	<0.00444	1.71	NA	0.921	<0.0222	0.0233	<0.00889	<0.0222	7.03J	3.99J	<8.68	11.0	
92506486	50-B	11/15/2020	<0.00425	<0.00425	0.00464J	0.0145	0.00747J	<0.170	<0.0851	0.00650	<0.00425	<0.00425	<0.00170	0.00541	<0.00425	<0.00170	<0.0425	<0.0213	<0.0213	<0.00425	0.0446	NA	0.0487	<0.0213	0.00185J	<0.00851	<0.0213	3.35J	4.55J	<8.59	7.90J	
92506486	50-E	11/15/2020	<0.0358	<0.0358	<0.0716	0.0498J	<0.0716	<1.43	<0.716	0.0281	<0.0358	<0.0358	<0.0143	0.0115J	0.0392	<0.0143	<0.358	1.03	<0.179	<0.0358	0.0682J	NA	0.0510J	0.240	<0.0716	<0.0716	0.0542J	5.30J	<8.99	<8.99	5.30J	
92506486	50-W	11/15/2020	<0.0354	<0.0354	61.7	219	63.8	<1.41	<0.707	10.8	<0.0354	<0.0354	<0.0141	130	11.1	0.251	<0.354	22.8	<0.177	<0.0354	285	NA	735	11.8	45.2	2.44	4.10	1,300	1,360	567	3240	
92506486	75-B	11/16/2020	<0.00425	<0.00425	<0.00850	<0.00850	<0.00850	<0.170	<0.0850	0.00534	<0.00425	<0.00425	<0.00170	<0.00425	<0.00425	0.000623J	<0.0425	<0.0213	<0.0213	<0.00425	0.0182	NA	0.00566J	<0.0213	<0.00850	<0.00850	<0.0213	3.34J	3.42J	<8.30	6.76J	
92506486	75-E	11/16/2020	<0.00450	<0.00450	<0.00897	0.00445J	<0.00897	<0.179	<0.0897	0.0410	<0.00450	<0.00450	<0.00179	0.00812	<0.00450	<0.00179	0.0268J	<0.0224	<0.0224	<0.00450	0.0999	NA	0.0240	<0.0224	<0.00897	<0.00897	<0.0224	3.25J	<8.46	<8.46	3.25J	
92506486	75-W	11/16/2020	<0.0330	<0.0330	40.5	143	40.0	<1.32	<0.659	7.53	<0.0330	<0.0330	<0.0132	60.6	7.43	0.149	<0.330	15.7	<0.165	<0.0330	148	NA	346	6.61	29.2	1.56	2.78	3,960	4,460	2,010	10400	
92506486	100-B	11/16/2020	<0.00360	<0.00360	0.00308J	0.00729	0.00390J	<0.144	<0.0719	0.00657	<0.00360	<0.00360	<0.00144	0.00108J	<0.00360	<0.00144	<0.0360	<0.0180	<0.0180	<0.00360	0.0164	NA	0.00749J	<0.0180	<0.00719	<0.00719	<0.0180	16.4	<7.15	<7.15	16.4	
92506486	100-E	11/16/2020	<0.00436	<0.00436	0.00341J	0.0190	0.00981	<0.174	<0.0871	0.147	<0.00436	<0.00436	<0.00174	0.0373	0.00111J	<0.00174	<0.0436	<0.0218	<0.0218	<0.00436	0.420	NA	0.156	<0.0218	0.00850J	<0.00871	<0.0218	3.58J	<8.81	<8.81	3.58J	
92506486	100-W	11/16/2020	<0.00505	<0.00505	0.0595	0.148	0.0492	<0.202	<0.101	0.786	<0.00505	<0.00505	0.138	0.0593	0.00106J	0.0125	0.0380J	<0.0253	<0.0253	<0.00505	1.98	NA	1.33	<0.0253	0.00211J	<0.0101	<0.0253	6.10J	4.63J	<9.61	10.7	
92506486	125-B	11/16/2020	<0.00328	<0.00328	0.00423J	0.00767	0.00498J	<0.131	<0.0655	0.0949	<0.00328	<0.00328	<0.00131	<0.00328	<0.00328	0.00117J	<0.0328	<0.0164	<0.0164	<0.00328	0.152	NA	0.0761	<0.0164	<0.00655	<0.00655	<0.0164	8.05	<6.54	<6.54	8.05	
92506486	125-E	11/16/2020	<0.00308	<0.																												

Table 1
Summary of Pipeline Excavation Soil Sampling Results

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

Lab Report	Sample ID	Sample Date	Volatile Organic Compounds (EPA 8260D) (mg/kg)																									MADEP VPH (mg/kg)			
			1,1,2-Trichloroethane	1,1-Dichloroethane	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Chlorobenzene	Chloroform	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl-tert-butyl ether	Methylene Chloride	Naphthalene	Styrene	Tetrachloroethene	Toluene	o-Xylene	Xylene (Total)	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH
Soil-to-Water MSCCs			0.0032	0.0019	NE	6.6	6.6	16	24	0.0072	0.44	0.34	0.32	8.0	1.3	0.085	0.023	0.2	0.9	0.0050	6.0	6.0	6.0	2.4	1.4	NE	2.2	68	540	31	NE
Residential MSCCs			11.6	7.29	NE	156	156	9,380	14,000	12	312	21	NE	60.3	1,560	156	93.8	5.5	3,120	93.8	3,120	3,120	3,120	782	1,560	NE	1,560	625	1,560	469	NE
Industrial / Commercial MSCCs			57.3	35.9	NE	2,330	2,330	140,000	210,000	59.4	4,670	105	2,330	297	23,330	1,810	1,400	27	46,700	1,400	46,700	46,700	46,700	11,600	23,300	NE	23,300	9,340	23,300	7,000	NE
92506678	300-E	11/17/2020	<0.00437	<0.00437	0.0190	0.0619	0.0193	<0.175	0.0656J	0.550	<0.00437	<0.00437	0.0207	0.0232	0.000917J	0.00327	<0.0437	<0.0218	<0.0218	<0.00437	1.39	<5.7	0.508	<0.0218	<0.00873	<0.00873	<0.0218	4.77J	3.86J	<10.7	8.63J
92506678	300-W	11/17/2020	<0.00396	<0.00396	0.155	0.402	0.0959	<0.158	0.119	1.30	<0.00396	<0.00396	0.302	0.407	0.0110	0.0942	<0.0396	0.0750	<0.0198	<0.00396	4.34	<7.7	2.71	<0.0198	0.0344	<0.00792	<0.0198	11.8	5.66J	2.89J	20.3
92506678	325-B	11/17/2020	<0.00397	<0.00397	0.0752	0.0622	0.0893	<0.159	<0.0793	0.115	<0.00397	<0.00397	0.00192	0.00370J	<0.00397	<0.00159	<0.0397	<0.0198	<0.0198	<0.00397	0.179	554	0.219	<0.0198	0.00153J	<0.00793	<0.0198	25.6	<8.43	3.29J	28.9
92506678	325-E	11/17/2020	<0.00399	<0.00399	<0.00799	0.00518J	0.00356J	<0.160	<0.0799	0.0659	<0.00399	<0.00399	<0.00160	<0.00399	<0.00399	0.00460	<0.0399	<0.0200	<0.0200	<0.00399	0.118	<5.1	0.0473	<0.0200	<0.00799	<0.00799	<0.0200	<7.86	<7.86	<7.86	<7.86
92506678	325-W	11/17/2020	<0.00384	<0.00384	0.228	0.668	0.178	<0.154	<0.0769	1.08	<0.00384	<0.00384	0.0787	0.210	0.00781	0.0125	<0.0384	0.0962	<0.0193	<0.00384	3.77	<5	2.26	0.00819J	0.0264	0.00399J	<0.0193	11.1	5.62J	3.87J	20.7
92506678	350-B	11/17/2020	<0.00415	<0.00415	0.00690J	0.00543J	0.00629J	<0.166	<0.0830	0.00239	<0.00415	<0.00415	<0.00166	0.00148J	<0.00415	<0.00166	<0.0415	<0.0207	<0.0207	<0.00415	0.0135	NA	0.0231	<0.0207	<0.00830	<0.00830	<0.0207	5.74J	<8.46	<8.46	5.74J
92506678	350-E	11/17/2020	<0.00394	<0.00394	<0.00788	<0.00788	<0.00788	<0.158	<0.0788	0.00616	<0.00394	<0.00394	<0.00158	<0.00394	<0.00394	<0.00158	<0.0394	<0.0197	<0.0197	<0.00394	0.00708J	<4.9	0.00252J	<0.0197	<0.00788	<0.00788	<0.0197	<7.87	<7.87	<7.87	<7.87
92506678	350-W	11/17/2020	<0.00388	<0.00388	<0.00776	0.00318J	<0.00776	<0.155	<0.0776	0.0379	<0.00388	<0.00388	<0.00155	<0.00388	<0.00388	<0.00155	<0.0388	<0.0194	<0.0194	<0.00388	0.0641	<4.9	0.0318	<0.0194	<0.00776	<0.00776	<0.0194	3.21J	<9.48	<9.48	3.21J
92506678	375-B	11/17/2020	<0.00515	<0.00515	<0.0103	0.00345J	<0.0103	<0.206	<0.103	0.00365	<0.00515	<0.00515	<0.00206	<0.00515	<0.00515	<0.00206	<0.0515	<0.0257	<0.0257	<0.00515	0.00875J	<5.4	0.00679J	<0.0257	<0.0103	<0.0103	<0.0257	4.45J	<8.76	<8.76	4.45J
92506678	375-E	11/17/2020	<0.00458	<0.00458	0.00527J	0.00810J	<0.00915	<0.183	<0.0915	0.0310	<0.00458	<0.00458	<0.00183	<0.00458	<0.00458	<0.00183	<0.0458	<0.0229	<0.0229	<0.00458	0.0544	<4.3	0.0378	<0.0229	<0.00915	<0.00915	<0.0229	4.46J	<8.93	<8.93	4.46J
92506678	375-W	11/17/2020	<0.00407	<0.00407	0.00320J	<0.00813	<0.00813	<0.163	<0.0813	0.00845	<0.00407	<0.00407	<0.00163	<0.00407	<0.00407	0.000610J	<0.0407	<0.0203	<0.0203	<0.00407	0.0192	<5.7	0.0115	<0.0203	<0.00813	<0.00813	<0.0203	<8.21	<8.21	<8.21	<8.21
92516902	L2-0-B	01/14/2021	<0.00325	<0.00325	0.0125	0.0321	0.00916	<0.130	<0.0650	0.00706	<0.00325	<0.00325	0.00348	0.00899	<0.00325	0.00253	<0.0325	<0.0162	<0.0162	<0.00325	0.0379	NA	0.0902	<0.0162	<0.00650	<0.00650	<0.0162	26.0	<6.73	<6.73	31.0
92516902	L2-0-E	01/14/2021	<0.00312	<0.00312	<0.00623	0.0104	<0.00623	0.156	<0.0623	0.00257	<0.00312	<0.00312	<0.00125	0.00379	<0.00312	<0.00125	<0.0312	<0.0156	<0.0156	<0.00312	0.0162	NA	0.0307	<0.0156	<0.00623	<0.00623	<0.0156	12.7	<6.26	<6.26	15.9
92516902	L2-0-W	01/14/2021	<0.00429	<0.00429	<0.00858	0.0192	<0.00858	0.278	<0.0858	0.0161	<0.00429	<0.00429	0.00633	0.00905	<0.00429	<0.00172	<0.0429	<0.0215	<0.0215	<0.00429	0.0366	NA	0.0741	<0.0215	<0.00858	<0.00858	<0.0215	36.6	<8.80	<8.80	40.3
92516902	L2-100-B	01/14/2021	<0.0759	<0.0759	42.6	172	47.5	<3.04	<1.52	24.4	<0.0759	<0.0759	7.59	152	9.02	0.554	<0.759	29.1	<0.379	<0.0759	337	NA	865	9.96	29.9	1.65	2.87	2,530	1,750	600	4880
92516902	L2-100-E	01/14/2021	<0.0171	<0.0171	<0.0342	<0.0342	<0.0342	<0.684	<0.342	0.0214	<0.0171	<0.0171	0.131	<0.0171	<0.0171	0.0197	<0.171	<0.0855	<0.0855	<0.0171	0.0973	NA	0.188	<0.0855	<0.0342	<0.0342	<0.0855	26.3	<8.42	<8.42	30.5
92516902	L2-100-W	01/14/2021	<0.836	<0.836	43.5	153	38.5	<33.5	<16.7	36.3	<0.836	<0.836	17.1	186	8.38	1.61	<8.36	36.8	<4.18	<0.836	488	NA	1,050	4.37	25.1	<1.67	<4.18	3,040	3,040	825	6910
92516902	L2-125-B	01/14/2021	2.41	<0.396	53.8	177	43.1	<15.8	<7.91	62.3	<0.396	<0.396	15.6	187	10.2	1.31	<3.96	38.0	<1.98	<0.396	558	NA	957	5.58	27.7	<0.791	2.41	5,300	4,610	<2030	11600
92516902	L2-125-E	01/14/2021	<0.00424	<0.00424	<0.00848	0.0200	<0.00848	<0.170	<0.0848	<0.00170	<0.00424	<0.00424	<0.001																		

Table 1
Summary of Pipeline Excavation Soil Sampling Results

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

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

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

Table 2
Summary of Delineation Soil Sampling Results

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

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																																
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m,p-Xylene	o-Xylene			
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	1,700	440	340	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	5,400	6,600	6,600	6,000	NE	NE			
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE			
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	23,300,000	4,670,000	105,000	NE	4,670,000	573,000	35,900	2,330,000	297,000	23,300,000	23,300,000	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	125,000	1,400,000	18,600,000	2,330,000	2,330,000	46,700,000	NE	NE			
92494208	MW-1 (17.5-20)	MW-01	09/04/2020	<7.36	<7.36	<7.36	<7.36	<145	<7.2	<145	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<28.9	<72.3	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<14.5	<14.5	<7.2		
92494208	MW-1 (20-22.5)	MW-01	09/04/2020	<7.57	<7.57	<7.57	<7.57	<127	<6.3	<127	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<25.3	<63.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	
92492458	MW-2 (12.5-15)	MW-02	08/25/2020	NA	NA	NA	NA	<64.6	<3.2	<64.6	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<12.9	<32.3	<3.2	5.6	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	4.0	14.0	3.5	12.0	8.3	3.6		
92492458	MW-2 (22.5-25)	MW-02	08/25/2020	NA	NA	NA	NA	<91.3	<4.6	<91.3	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<18.3	<45.7	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
92492672	MW-3 (15-17.5)	MW-03	08/25/2020	NA	NA	NA	NA	<99.8	<5	<99.8	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<20	<49.9	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
92492672	MW-3 (2.5-5)	MW-03	08/25/2020	NA	NA	NA	NA	<110	<5.5	<110	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<15.9	<22	<55.1	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	
92493060	MW-4 (15-17.5)	MW-04	08/28/2020	<7.52	<7.52	<7.52	<7.52	<98.1	<4.9	<98.1	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.6	<49	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	
92493060	MW-4 (5-7.5)	MW-04	08/28/2020	<8.46	<8.46	<8.46	<8.46	<110	<5.5	<110	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<22.1	<55.1	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	
92493075	MW-5 (20-22.5)	MW-05	08/28/2020	<7.72	<7.72	<7.72	<7.72	<97.6	<4.9	<97.6	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.5	<48.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	
92493075	MW-5 (7.5-10)	MW-05	08/28/2020	<8.26	<8.26	<8.26	<8.26	<101	<5	<101	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<20.1	<50.3	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
92493224	MW-6 (1-2.5)	MW-06	08/29/2020	<7.86	<7.86	<7.86	<7.86	<154	<7.7	<154	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<30.9	<77.1	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	
92493224	MW-6 (15-17.5)	MW-06	08/29/2020	<7.51	<7.51	<7.51	<7.51	<114	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.7	<56.8	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	
92493224	MW-7 (15-17.5)	MW-07	08/30/2020	<6.96	<6.96	<6.96	<6.96	<103	<5.1	<103	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<20.5	<51.3	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	
92493224	MW-7 (5-7.5)	MW-07	08/30/2020	<8.26	<8.26	<8.26	<8.26	<101	<5	<101	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<20.2	<50.4	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	
92493110	RW-07 (32.5-35)	MW-08	08/29/2020	<5.89	<5.89	<5.89	<5.89	<98.6	<4.9	<98.6	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.7	<49.3	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	
92493224	MW-9 (20-22.5)	MW-09	08/31/2020	<7.53	<7.53	<7.53	<7.53	<97.8	<4.9	<97.8	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<19.6	<48.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	
92493224	MW-9 (7.5-10)	MW-09	08/31/2020	<8.																																				

Table 2
Summary of Delineation Soil Sampling Results

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

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)										Volatile Organic Compounds (EPA 8260D) (µg/kg)																													
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m,p-Xylene	o-Xylene						
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	1,700	440	340	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	5,400	6,600	6,600	6,000	NE	NE						
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE						
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	23,300,000	4,670,000	105,000	NE	4,670,000	573,000	35,900	2,330,000	297,000	23,300,000	23,300,000	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	125,000	1,400,000	18,600,000	2,330,000	2,330,000	46,700,000	NE	NE						
92495719	BH-21(25-27.5)	MW-49	09/15/2020	<7.53	<7.53	<7.53	<7.53	<115	<5.8	<115	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8				
92495719	BH-22 (17.5-20)	MW-50	09/15/2020	<7.55	<7.55	<7.55	<7.55	<149	<7.4	<149	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4					
92495719	BH-22 (25-27.5)	MW-50	09/15/2020	<8.73	<8.73	<8.73	<8.73	<136	<6.8	<136	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8				
92496432	MW-5(25-27.5)	MW-51	09/18/2020	<7.30	<7.30	<7.30	<7.30	<117	<5.8	<117	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8				
92497523	MW-52 (25-27.5)	MW-52	09/23/2020	<7.62	<7.62	2.68	2.68	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3				
92498039	MW-54 (15'-17.5')	MW-54	09/28/2020	<8.26	<8.26	<8.26	<8.26	<104	<5.2	<104	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2				
92498039	MW-55 (58')	MW-55	09/29/2020	<6.26	<6.26	<6.26	<6.26	<99.8	<5.0	<99.8	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0				
92498395	MW-56 @ 15'	MW-56	09/30/2020	<6.86	<6.86	<6.86	<6.86	<107	<5.4	<107	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4				
92498395	MW-57 @ 12'	MW-57	09/30/2020	<8.05	<8.05	<8.05	<8.05	<114	<5.7	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7				
92498540	MW-58 @ 30'	MW-58	10/02/2020	NA	NA	NA	NA	<123	<6.2	<123	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2				
92498670	MW-59@30	MW-59	10/02/2020	<5.70	<6.48	1.95J	<6.48	<113	<5.7	<113	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7				
92498670	MW-60@25-27.5	MW-60	10/03/2020	NA	NA	NA	NA	<126	<6.3	59.6J	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3				
92512978	MW-64 (36'-38')	MW-64	12/17/2020	<6.60	6.74	11.1	17.8	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3				
92513387	MW-65 (25')	MW-65	12/22/2020	<7.30	<7.30	<7.30	<7.30	<152	<7.6	<152	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6							

Table 2
Summary of Delineation Soil Sampling Results

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

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Aliphatic C05-C08	Aliphatic C09-C12	Aromatic C09-C10, Unadjusted	Total VPH	Acetone	Benzene	n-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	p-Chlorotoluene	o-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	n-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m,p-Xylene	o-Xylene																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	sec-Butylbenzene	tert-Butylbenzene	440	340	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	5,400	6,600	6,000	NE	NE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	23,300,000	1,400,000	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	23,300,000	1,400,000	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
92541460	RW-69 34-35 20210528	RW-69 05/28/2021	24,200	27,400	8,030	51,600	<30,200	28,800	<30,200	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	<2,030	7,130	297,000	<2,030	<2,030	<8,110	<20,300	<2,030	87,300	<2,030	13,200	<2,030	<2,030	<2,030	1,270,000	557,000	151,000	1,480,000	1,030,000	442,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
92551500	RW-71 20210721	RW-71 07/21/2021	<4.9	<4.9	<4.9	<4.9	<124	11.2	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	28.6	3.6J	<6.2	<24.7	<61.9	<6.2	4.6J	<6.2	<6.2	<6.2	<6.2	79.0	56.0	19.1	152	113	38.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92551500	RW-72 (54-56) 20210721	RW-72 07/21/2021	<5.3	<5.3	<5.3	<5.3	<111	<5.6	<111	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<22.2	<55.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	3.9J	<5.6	<5.6	<11.1	<11.1	<5.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92551964	RW-73 (54-56) 20210727	RW-73 07/27/2021	<2.9	<2.9	<2.9	<2.9	<111	<5.5	<111	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<22.2	<55.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	3J	<5.5	<5.5	<11.1	<11.1	<5.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92553562	RW-74 70-72 20210802	RW-74 08/02/2021	207	42.1	14.7	264	<124	155	<124	60.1	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	52.6	548	51.4	49.1	<24.9	<62.2	<6.2	97.5	187	21.2	<6.2	<6.2	1,330	1,010	283	2,770	2,020	746																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92553562	RW-75 50-52 20210803	RW-75 08/03/2021	<3.6	<3.6	<3.6	<3.6	<137	<6.8	<137	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27.4	<68.4	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	4.7J	<6.8	<6.8	<13.7	<13.7	<6.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92553633	RW-76 20210804	RW-76 08/04/2021	<4.6	<4.6	<4.6	<4.6	<169	<8.4	<169	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.7	<84.3	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	6.1J	<8.4	<8.4	<16.9	<16.9	<8.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92555328	RW-77 (38-40) 20210811	RW-77 08/11/2021	31.9	18.3	<3.2	51.3	<122	106	<122	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	47.0	81.1	<6.1	17.8	<24.3	<60.8	<6.1	132	<6.1	<6.1	<6.1	<6.1	364	238	<6.1	440	265	175																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92555328	RW-77 (54-46) 20210811	RW-77 08/11/2021	7.8	5.2	<3	13.1	<108	46.1	<108	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	40.3	7.9	<5.4	<5.4	<21.6	<53.9	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	81.9	21.5	6.8	49.8	33.1	16.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92555491	RW-78 (14-16) 20210813	RW-78 08/13/2021	<3.7	<3.7	<3.7	<3.7	<152	<7.6	<152	<7.6	<7.6	<7.6	6.1J	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<30.4	<76	<7.6	12.5	<7.6	<7.6	<7.6	<7.6	8.6	29.8	10.0	31.7	21.0	10.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92555491	RW-78 (38-40) 20210813	RW-78 08/13/2021	<3.1	<3.1	<3.1	<3.1	<129	<6.4	<129	<6.4	<6.4	<6.4	4.5J	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.8	<64.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
92555491	RW-78 (54-56) 20210813	RW-78 08/13/2021	<3.0	<3.0	<3.0	<3.0	<113	12.2	<113	<5.6	<5.6	<5.6	4.1J	<5.6	<5.6	<5.6	<5.6	<5.6	3.2J	<5.6	<5.6	<5.6	<22.6	<56.4	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	28.0	<5.6	8.3J	8.3J	<5.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
92547162	AS-21 (18-20) 20210630	AS-21 06/30/2021	14.1	7.3	<4.9	22.9	<154	<7.8	<154	<7.8	<7.8	<7.8	7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<27.9	<71.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8	<7.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
92547162	AS-22 (18-20) 20210630	AS-22 06/30/2021	<4.9	<4.9	<4.9	6.8	<168	<8.4	<168	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<23.6	<54.1	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
92546499	Whitby/SB-17 (25-27)	PV-17 06/25/2021	6,250	3,400	1,500	11,200	<9,740	5,740	<9,740	13,200	<487	<487	<487	<487	<487	<487	<487	<487	<487	97,300	<487	13,500	<487	<1,950	<4,870	<487	36,900	<487	<487	<487	<487	186,000	299,000	78,500	531,000	373,000	158,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
92546573	Whitby/SB-17B (25-27)	PV-17 06/25/2021	<3.5	<3.5	<3.5	<3.5	<135	<6.8	<135	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<27	<67.6	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	6.1J	<6.8	<6.8	<13.5	<13.5	<6.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
92547162	PV-17 (20-22) 20210630	PV-17 06/30/2021	37	14	<4	54	<160	<8.0	<160	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<22	<80.1	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Table 2
Summary of Delineation Soil Sampling Results

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

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)						Volatile Organic Compounds (EPA 8260D) (µg/kg)																											
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	1er-Butylbenzene	Chlorobenzene	Chloroform	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-ter-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	1,700	440	340	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	5,400	6,600	6,600	6,000	NE	NE
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	23,300,000	4,670,000	105,000	NE	4,670,000	573,000	35,900	2,330,000	297,000	1,560,000	1,560,000	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	125,000	1,400,000	18,600,000	2,330,000	2,330,000	46,700,000	NE	NE
92546391	BB9 22-24 20210623	N/A	06/23/2021	4,540	1,550	767	6,870	4,380J	5,170	<6,410	<320	<320	<320	193J	<320	<320	<320	<320	<320	94,700	<320	7,140	<1,280	<3,200	<320	18,100	<320	<320	<320	<320	<320	251,000	167,000	50,100	463,000	335,000	128,000
92546391	BC8 0-2 20210623	N/A	06/23/2021	<3.6	<3.6	<3.6	<3.6	<139	<6.9	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	6.8J	<6.9	<6.9	<27.8	<69.4	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	30.5	<6.9	<6.9	19.8	19.8	<6.9	
92546391	BC8 18-20 20210623	N/A	06/23/2021	<3.3	<3.3	<3.3	<3.3	<130	<6.5	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	6.5	<6.5	<6.5	<26	<65	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	31.2	<6.5	<6.5	24.9	17.6	7.3	
92546391	BC9 0-2 20210623	N/A	06/23/2021	<2.7	<2.7	<2.7	<2.7	<113	<5.7	<113	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<22.7	<56.6	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
92546391	BC9 20-22.5 20210623	N/A	06/23/2021	<4.3	<4.3	<4.3	<4.3	<122	<6.1	<122	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<24.3	<60.8	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1
92546394	BC8 24-26 20210623	N/A	06/23/2021	2,280	1,960	846	5,090	<7,260	196J	<7,260	12,700	<363	<363	291J	<363	<363	<363	<363	<363	98,600	11,800	10,600	<1,450	8,570	<363	27,800	46,500	<363	<363	<363	69,100	247,000	73,700	526,000	370,000	156,000	
92546589	BA1 0-2 20210625	N/A	06/25/2021	<3.4	<3.4	<3.4	3.7	<130	<6.5	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	17.2	<26	<65	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	4.2J	<6.5	<6.5	<13	<13	<6.5	
92546589	BA1 12-14 20210625	N/A	06/25/2021	<3.4	<3.4	<3.4	<3.4	<131	5.9J	<131	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<26.1	<65.3	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	22.5	<6.5	<6.5	9.5J	9.5J	<6.5		
92546589	BA1 32-34 20210625	N/A	06/25/2021	65.1	18.2	6.5	89.9	1,520	2,200	<1,170	<58.3	<58.3	<58.3	<58.3	<58.3	<58.3	<58.3	<58.3	116	14,700	<58.3	<58.3	898	1,070	<58.3	4,210	<58.3	<58.3	<58.3	33,200	31,800	9,040	76,200	53,700	22,400		
92546589	BB1 0-2 20210625	N/A	06/25/2021	<4.3	<4.3	<4.3	<4.3	<166	<8.3	<166	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<33.1	<82.8	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	
92546589	BB1 16-18 20210625	N/A	06/25/2021	<3.0	<3.0	<3.0	<3.0	<119	<5.9	<119	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	15.6	<5.9	19.6	<23.8	<59.5	9.1	<5.9	<5.9	<5.9	<5.9	<5.9	52.1	33.9	<5.9	99.9	66.4	33.5		
92546589	BC1 0-2 20210625	N/A	06/25/2021	<4.1	<4.1	<4.1	<4.1	<161	<8.3	<161	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<32.2	<80.4	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3
92546589	BC1 8-10 20210625	N/A	06/25/2021	<4.4	<4.4	<4.4	<4.4	<157	<7.9	<157	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<31.4	<78.6	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9
92546589	BC2 0-2 20210625	N/A	06/25/2021	<4.6	10.0	15.2	26.0	<165	<8.3	<165	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<33	<82.5	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3
92546589	BC2 22-24 20210625	N/A	06/25/2021	<4.4	<4.4	<4.4	<4.4	<130	<6.5	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.9	<64.8	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	4.0J	<6.5	<6.5	<13	<13	<6.5		
92546589	BC3 0-2 20210625	N/A	06/25/2021	<4.0	<4.0	<4.0	<4.0	<168	<8.4	<168	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<33.6	<84	<8.4	<8.4	<8.4	58.6	<8.4	<8.4	5.0J	<8.4	<8.4	<16.8	<16.8	<8.4		
92546589	BC3 2-4 20210625	N/A	06/25/2021	<4.1	<4.1	<4.1	<4.1	<163	<8.2	<163	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<32.7	<81.6	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2
92546658	AA1 (0-2") 20210626	N/A	06/26/2021	<4.6	<4.6	<4.6	<4.6	<169	<8.4	<169	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	<8.4	135	<33.7	<84.3	<8.4	<8.4	28.7	<8.4	<8.4	6.6J	<8.4	<8.4	<16.9	<16.9	<8.4		
92546658	AA1 (16-18") 20210626	N/A	06/26/2021	<3.3	<3.3	<3.3	<3.3	<129	13.3	<129	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<25.8	<64.6	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	25.3	<6.5	<6.5	<12.9	<12.9	3.3J		
92546658	AB1 (0-2") 20210626	N/A	06/26/2021	<3.6	<3.6	<3.6	4.9	1,320	<18.4	368	452	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	10.7J	<18.4	1,850	436	<184	<184	<18.4	<18.4	<18.4	<18.4	<18.4	<18.4	64.7	<18.4	<18.4	76.7	63.9	12.8J	
92546658	AB1 (20-22") 20210626	N/A	06/26/2021	5,250	1,750	618	7,620	18,000	11,500	<6,370	<318	<318	<318	<318	<318	<318	<318	<318	<318	62,800	<318	4,940	<1,270	<3,180	<318	12,400	<318	<318	<318	<318	173,000	110,000	32,600	305,000	220,000	85,200	
92546658	AC1 (0-2") 20210626	N/A	06/26/2021	<3.7	<3.7	<3.7	6.6	<147	<7.4	<147	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	225	<29.5	<73.7	<7.4	<7.4	<7.4	<7.4	<7.4	12.8	<7.4	<7.4	11.6J	11.6J	4.7J		
92546658	AC1 (16-18") 20210626	N/A	06/26/2021	<3.1	<3.1	<3.1	<3.1	<136	<6.8	<136	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	5.7J	17.0	<6.8	11.2J	7.1J	4.2J		
92546658	AC2 (0-2") 20210626	N/A	06/26/2021	<3.7	<3.7	<3.7	6.3	263	<8.1	<263	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	29.4	<8.1	1,280	<32.5	<81.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	36.9	<8.1	<8.1	200	152	47.9	
92546658	AC2 (12-14") 20210626	N/A	06/26/2021	485	258	111	854	<593	812	<593	<29.7	<29.7	<29.7	<29.7	<29.7	<29.7	<29.7	<29.7	52.3	7,040	<29.7	958	718	599	<29.7	3,230	<29.7	<29.7	<29.7	15,000	19,600	5,760	37,300	26,100	11,100		
92546658	AC3 (0-2") 20210626	N/A	06/26/2021	<4.1	<4.1	<4.1	4.7	<153	<7.7	<153	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<30.7	<76.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	
92546658	AC3 (8-10") 20210626	N/A	06/26/2021	<4.1	<4.1	<4.1	<4.1	<153	<7.7	<153	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	352	<30.7	<76.7	<7.7	<7.7	<7.7	<7.7	<7.7	18.7	22.9	<7.7	70.1	46.3	23.8		
92546969	AC4 (0-2) 20210628	N/A	06/28/2021	<5.1	<5.1	<5.1	<5.1	<198	<9.9	<198	<9.9																										

Table 2
Summary of Delineation Soil Sampling Results

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

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																																
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m,p-Xylene	o-Xylene			
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	1,700	440	340	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	5,400	6,600	6,600	6,000	NE	NE			
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE			
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	23,300,000	4,670,000	105,000	NE	4,670,000	573,000	35,900	2,330,000	297,000	23,300,000	23,300,000	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	125,000	1,400,000	18,600,000	2,330,000	2,330,000	46,700,000	NE	NE			
92547126	AC9(26-28) 20210629	N/A	06/29/2021	8.6	7.9	<3.1	19.4	143	69.9	<112	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	19.4	177	<5.6	<5.6	<22.5	<56.2	4.9J	285	<5.6	<5.6	<5.6	<5.6	<5.6	543	695	202	936	630	305			
92548472	AAO (22-24) 20210707	N/A	07/07/2021	<3.3	<3.3	<3.3	<3.3	<137	14.1	<137	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	3.8J	<6.8	<6.8	<27.4	<68.4	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8		
92548472	AAO (40-42) 20210707	N/A	07/07/2021	7.2	<3.6	<3.6	9.6	<149	188	<149	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	40.4	82.8	4.1J	<7.5	<29.9	<74.7	14.8	18.0	<7.5	4.7J	<7.5	<7.5	636	64.7	<7.5	447	298	148			
92548472	AAO (0-2) 20210707	N/A	07/07/2021	<4.2	<4.2	<4.2	<4.2	<174	<8.7	<174	87.1	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<34.7	<86.8	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	<8.7	
92548472	ABO (0-2) 20210707	N/A	07/07/2021	<4.3	8.3	12.2	22.3	<172	6.6J	<172	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	11.1	<8.6	6.6J	<34.5	<86.2	<8.6	6.2J	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6	<8.6
92548472	ABO (24-26) 20210707	N/A	07/07/2021	<3	<3	<3	3.5	<130	9.7	<130	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	4.8J	8.7	<6.5	<26	<64.9	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	58.4	10.8	<6.5	60.4	42.1	18.3		
92548472	ABO (26-28) 20210707	N/A	07/07/2021	<3	<3	<3	3.9	<119	37.3	<119	<6	<6	<6	<6	<6	<6	<6	<6	<6	18.2	40.2	<6	4.5J	<23.9	<59.7	<6	21.9	<6	<6	<6	<6	<6	197	60.5	<6	226	148	78.3		
92548472	ABO (40-42) 20210707	N/A	07/07/2021	8,580	2,760	939	12,300	<4,740	15,200	<4,740	7,760	<237	<237	<237	<237	<237	<237	<237	<237	1,030	81,100	<237	6,590	<948	6,810	<237	16,600	<237	3,460	685	<237	211,000	140,000	40,300	412,000	292,000	121,000			
92548472	ACO (0-2) 20210707	N/A	07/07/2021	<3.3	<3.3	<3.3	6.3	<129	<6.4	<129	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.8	<64.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	
92548472	ACO (24-26) 20210707	N/A	07/07/2021	<3.2	<3.2	<3.2	<3.2	<124	3.7J	<124	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<24.8	<61.9	<6.2	3.8J	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	10.5	3.7J	<6.2	<12.4	<12.4	<6.2			
92548472	ACO (28-29) 20210707	N/A	07/07/2021	162	326	143	631	<1,580	190	<1,580	2,780	<79.2	<79.2	<79.2	<79.2	<79.2	<79.2	<79.2	<79.2	69.2J	<79.2	10,600	<79.2	2,540	622	<792	<79.2	7,010	<79.2	1,130	<79.2	<79.2	8,530	44,400	<79.2	64,900	43,100	21,800		
92548816	AC0A (0-2) 20210708	N/A	07/08/2021	<4	17.4	23.1	43.4	<117	<5.8	<117	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<23.3	<58.3	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	
92548816	AC0A (20-22) 20210708	N/A	07/08/2021	<2.9	<2.9	<2.9	<2.9	<105	17.6	<105	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	42.3	5.1J	<5.3	<5.3	<21.1	<52.6	14.6	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	48.5	5.7	<5.3	25.8	18	7		
92548816	AC0A (42-44) 20210708	N/A	07/08/2021	26.0	9.3	<2.9	37.8	<116	291	211	159	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	5.6J	<5.8	101	1,460	135	143	<23.2	86	<5.8	427	<5.8	65.9	<5.8	2,930	2,890	<5.8	7,830	5,490	2,340				
92548816	AD4 (0-2) 20210708	N/A	07/08/2021	<4.2	<4.2	<4.2	<4.2	<165	<8.2	<165	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<33	<82.4	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	
92548816	AD4 (22-24) 20210708	N/A	07/08/2021	11,600	3,140	1,130	15,900	<12,900	29,300	<12,900	<644	<644	<644	<644	<644	<644	<644	<644	<644	130,000	10,600	10,100	<2,580	9,090	<644	24,600	<644	5,080	<644	<644	397,000	<644	<644	397,000	243,000	72,500	625,000	451,000	174,000	
92548816	AD4 (36-38.5) 20210708	N/A	07/08/2021	9.6	3.5	<3.4	13.8	191																																

Table 2
Summary of Delineation Soil Sampling Results

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

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																															
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m,p-Xylene	o-Xylene		
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	1,700	440	340	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	5,400	6,600	6,600	6,000	NE	NE	NE	
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE	NE	
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	23,300,000	4,670,000	105,000	NE	4,670,000	573,000	35,900	2,330,000	297,000	23,300,000	23,300,000	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	125,000	1,400,000	18,600,000	2,330,000	2,330,000	46,700,000	NE	NE	NE	
92550079	ACOO 26-28 20210715	N/A	07/15/2021	21.6	16.2	7.0	44.8	<133	55.1	<133	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	12.1	192	22.2	28.7	<26.5	<66.3	<6.6	185	<6.6	12.1	<6.6	<6.6	498	574	159	1,180	781	403			
92550079	ADOO 0-2 20210715	N/A	07/15/2021	<3.6	<3.6	<3.6	5.4	<139	<6.9	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	4.8J	<6.9	<6.9	<13.9	<13.9	<6.9	<6.9		
92550079	ADOO 24-26 20210715	N/A	07/15/2021	43.2	19.2	8.5	70.9	<121	51.9	<121	63.3	<6	<6	<6	<6	<6	<6	<6	9.6	283	40.7	56.6	<24.1	<60.3	<6	357	<6	15.4	<6	<6	447	996	277	1,660	1,110	547			
92550079	AEO 0-2 20210715	N/A	07/15/2021	<3.3	<3.3	<3.3	<3.3	<133	<6.6	<133	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	3.4J	<6.6	<6.6	<13.3	<13.3	<6.6	<6.6		
92550079	AEO 8-10 20210715	N/A	07/15/2021	<3.5	<3.5	<3.5	<3.5	<140	<7	<140	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	
92550079	AEOO 0-2 20210715	N/A	07/15/2021	<3.6	<3.6	<3.6	<3.6	<126	<6.3	<126	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	5.5J	<25.2	<63	<6.3	8.0	<6.3	<6.3	<6.3	<6.3	9.7	7.5	<6.3	16.0	11.5J	4.5J			
92550079	AEOO 12-14 20210715	N/A	07/15/2021	<3.6	<3.6	<3.6	<3.6	<140	<7	<140	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7
92550085	ACOO 42-44 20210715	N/A	07/15/2021	1,180	749	282	2,210	<1,460	1,270	1,170J	1,460	<73	<73	<73	<73	<73	<73	<73	166	13,800	1,400	1,450	<292	1,120	<73	4,750	5,260	55J	<73	<73	30,300	29,900	8,550	83,900	58,500	25,300			
92550085	ACOO 40-4.5 20210715	N/A	07/15/2021	10.1	5.8	<3	16.6	<127	356	37.9J	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	67.3	57.1	<6.3	<6.3	<25.4	<63.5	21.8	15.5	<6.3	<6.3	<6.3	771	32.4	<6.3	313	205	108				
92550085	ADOO 34-36 20210715	N/A	07/15/2021	3.8	<3	<3	5.2	<123	215	<123	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	75.6	58.3	<6.1	<6.1	<24.6	<61.5	15.6	22.7	<6.1	4.6J	<6.1	<6.1	625	48.9	<6.1	356	241	114			
92550085	AEO 22-24 20210715	N/A	07/15/2021	<3.7	<3.7	<3.7	<3.7	<139	<6.9	<139	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9
92550085	AEOO 32-34 20210715	N/A	07/15/2021	<3.4	<3.4	<3.4	<3.4	<132	<6.6	<132	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	5J	<6.6	<6.6	<13.2	<13.2	<6.6	<6.6		
92550088	AAOO 0-2 20210714	N/A	07/14/2021	<3.1	<3.1	<3.1	<3.1	<125	<6.3	<125	6J	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	4.5J	<6.3	14.8	<25	<62.5	<6.3	16.4	<6.3	<6.3	<6.3	<6.3	15.8	35.6	<6.3	39.5	27.8	11.7		
92550088	AAOO 4-6 20210714	N/A	07/14/2021	<3.3	<3.3	<3.3	4.8	<147	<7.4	<147	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	<7.4	23.2	<7.4	<29.5	16.7J	<7.4	27.0	<7.4	<7.4	<7.4	<7.4	28.6	121	38.7	145	102	43.4			
92550088	ABOO 0-2 20210714	N/A	07/14/2021	<3.5	<3.5	<3.5	5.1	<143	<7.1	<143	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<28.6	<71.4	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1	<7.1
92550088	AF1A 0-2 20210714	N/A	07/14/2021	<3.3	<3.3	<3.3	4.1	<128	<6.4	<128	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<25.6	<64.1	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	7.6	3.7J	<6.4	11.0J	11.0J	<6.4	<6.4	<6.4	<6.4
92550088	AF1A 22-24 20210714	N/A	07/14/2021	41.4	210	174	426	<2,440	<122	601J	2,780	<122	<122	<122	<122	<122	<122	<122	8,330	1,930	2,710	<487	601J	<122	7,910	8,300	698	<122	<122	3,890	52,700	14,800	65,400	42,300	23,100				
92550088	AF1B 0-2 20210714	N/A	07/14/2021	<3.1	<3.1	<3.1	<3.1	<128	<6.4	<128																													

Table 2
Summary of Delineation Soil Sampling Results

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

[illegible]

Table 2
Summary of Delineation Soil Sampling Results

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

Lab Report	Sample ID	Well ID	Sample Date	MADEP VPH (mg/kg)				Volatile Organic Compounds (EPA 8260D) (µg/kg)																															
				Aliphatic (C05-C08)	Aliphatic (C09-C12)	Aromatic (C09-C10), Unadjusted	Total VPH	Acetone	Benzene	2-Butanone (MEK)	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chlorobenzene	Chloroform	2-Chlorotoluene	4-Chlorotoluene	1,1-Dichloroethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	p-Isopropyltoluene	Methylene Chloride	1,4-Methyl-2-pentanone (MIBK)	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene		
Soil-to-Water MSCCs				68	540	31	NE	24,000	7.2	16,000	2,400	2,200	1,700	440	340	NE	280	30	1.9	320	8,000	1,300	120	23	420	85	200	1,400	900	4	5.0	5,400	6,600	6,600	6,000	NE	NE		
Residential MSCCs				625	1,560	469	NE	14,000,000	12,000	9,380,000	782,000	1,560,000	1,560,000	312,000	21,000	NE	312,000	116,000	7,290	NE	60,300	1,560,000	1,560,000	93,800	1,250,000	156,000	5,500	1,560,000	3,120,000	25,200	93,800	1,250,000	156,000	156,000	3,120,000	NE	NE		
Industrial / Commercial MSCCs				9,340	23,300	7,000	NE	210,000,000	59,400	140,000,000	11,600,000	23,300,000	23,300,000	4,670,000	105,000	NE	4,670,000	573,000	35,900	2,330,000	297,000	23,300,000	23,300,000	1,400,000	18,600,000	1,810,000	27,000	23,300,000	46,700,000	125,000	1,400,000	18,600,000	2,330,000	2,330,000	46,700,000	NE	NE		
92545117	S7 20-22_20210617	N/A	06/17/2021	10.2	<4.2	<4.2	14.9	<157	193	<157	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	<7.9	21.7	46.6	<7.9	<7.9	<31.4	<78.6	<7.9	78.2	<7.9	<7.9	<7.9	<7.9	534	54.6	<7.9	263	169	94.5			
92550329	T6 0-2_20210717	N/A	07/17/2021	<4.9	<4.9	<4.9	<4.9	<169	<8.5	<169	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<33.8	<84.6	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	<8.5	6.33	<8.5	<8.5	<16.9	<16.9	<8.5		
92550329	T6 22-24_20210717	N/A	07/17/2021	<3.8	<3.8	<3.8	<3.8	<155	<7.7	<155	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<31	<77.5	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	5.83	<7.7	<7.7	<15.5	<15.5	<7.7			
92550329	T8 0-2_20210717	N/A	07/17/2021	<3.1	<3.1	<3.1	<3.1	<120	<6	<120	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<24.1	<60.2	<6	<6	<6	<6	<6	<6	<6	3.23	<6	<6	<12	<12	<6			
92550329	T8 4-6_20210717	N/A	07/17/2021	4.0	<3.6	<3.6	4.2	<145	<7.3	<145	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<29.1	<72.6	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	<7.3	4.03	<7.3	<7.3	<14.5	<14.5	<7.3			
92550329	T8 32-34_20210717 *	N/A	07/17/2021	135	36.9	16.4	188	<325	2,230	<325	279	<16.2	<16.2	<16.2	<16.2	<16.2	<16.2	<16.2	222	2,360	219	233	<64.9	<162	70.4	926	794	114	<16.2	<16.2	10,200	4,980	1,420	13,100	9,490	3,630			

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

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
Surficial Unit Monitoring Wells						
MW-01	709.60	9/1/2020	ND	25.05	0.00	684.55
MW-01	709.60	9/3/2020	ND	25.82	0.00	683.78
MW-01	709.60	9/5/2020	ND	25.94	0.00	683.66
MW-01	711.86	9/14/2020	ND	28.20	0.00	683.66
MW-01	711.86	9/18/2020	ND	28.20	0.00	683.66
MW-01	711.86	9/28/2020	ND	28.10	0.00	683.76
MW-01	711.86	10/3/2020	ND	28.09	0.00	683.77
MW-01	711.86	10/19/2020	ND	27.88	0.00	683.98
MW-01	711.86	10/26/2020	ND	27.74	0.00	684.12
MW-01	711.86	11/9/2020	ND	28.74	0.00	683.12
MW-01	711.86	11/18/2020	ND	27.49	0.00	684.37
MW-01	711.86	11/23/2020	ND	27.44	0.00	684.42
MW-01	711.86	12/7/2020	ND	27.12	0.00	684.74
MW-01	711.86	12/21/2020	ND	26.95	0.00	684.91
MW-01	711.86	12/26/2020	ND	26.94	0.00	684.92
MW-01	711.86	1/10/2021	ND	26.64	0.00	685.22
MW-01	711.86	1/19/2021	ND	26.55	0.00	685.31
MW-01	711.86	1/25/2021	ND	26.34	0.00	685.52
MW-01	711.86	2/1/2021	ND	26.23	0.00	685.63
MW-01	711.86	2/8/2021	ND	26.31	0.00	685.55
MW-01	711.86	2/16/2021	ND	25.99	0.00	685.87
MW-01	711.86	2/22/2021	ND	25.76	0.00	686.10
MW-01	711.86	3/4/2021	ND	25.52	0.00	686.34
MW-01	711.86	3/8/2021	ND	25.64	0.00	686.22
MW-01	711.86	3/15/2021	ND	25.49	0.00	686.37
MW-01	711.86	3/22/2021	ND	25.29	0.00	686.57
MW-01	711.86	4/1/2021	ND	25.00	0.00	686.86
MW-01	711.86	4/12/2021	ND	24.65	0.00	687.21
MW-01	711.86	4/19/2021	ND	24.67	0.00	687.19
MW-01	711.86	4/29/2021	ND	24.65	0.00	687.21
MW-01	711.86	5/3/2021	ND	24.63	0.00	687.23
MW-01	711.86	5/10/2021	ND	24.80	0.00	687.06
MW-01	711.86	5/18/2021	ND	25.02	0.00	686.84
MW-01	711.86	5/26/2021	ND	25.18	0.00	686.68
MW-01	711.86	5/31/2021	ND	25.44	0.00	686.42
MW-01	711.86	6/7/2021	ND	25.59	0.00	686.27
MW-01	711.86	6/14/2021	ND	25.70	0.00	686.16
MW-01	711.86	6/21/2021	ND	25.91	0.00	685.95
MW-01	711.86	7/1/2021	ND	26.15	0.00	685.71
MW-01	711.86	7/6/2021	ND	26.35	0.00	685.51
MW-01	711.86	7/14/2021	ND	26.52	0.00	685.34
MW-01	711.86	7/28/2021	ND	28.82	0.00	683.04
MW-01	711.86	8/2/2021	ND	27.02	0.00	684.84
MW-01	711.86	8/16/2021	ND	27.46	0.00	684.40

Table 3
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-02	710.96	9/1/2020	ND	26.65	0.00	684.31
MW-02	710.96	9/3/2020	ND	27.59	0.00	683.37
MW-02	710.96	9/5/2020	ND	28.00	0.00	682.96
MW-02	712.53	9/14/2020	ND	29.57	0.00	682.96
MW-02	712.53	9/18/2020	ND	29.56	0.00	682.97
MW-02	712.53	9/28/2020	ND	29.51	0.00	683.02
MW-02	712.53	10/3/2020	ND	30.60	0.00	681.93
MW-02	712.53	10/19/2020	ND	29.41	0.00	683.12
MW-02	712.53	10/26/2020	ND	29.30	0.00	683.23
MW-02	712.53	11/9/2020	ND	29.07	0.00	683.46
MW-02	712.53	11/18/2020	ND	29.05	0.00	683.48
MW-02	712.53	11/23/2020	ND	28.98	0.00	683.55
MW-02	712.53	12/7/2020	ND	28.59	0.00	683.94
MW-02	712.53	12/21/2020	ND	28.44	0.00	684.09
MW-02	712.53	12/26/2020	ND	28.74	0.00	683.79
MW-02	712.53	1/10/2021	ND	28.54	0.00	683.99
MW-02	712.53	1/19/2021	ND	28.39	0.00	684.14
MW-02	712.53	1/25/2021	ND	28.09	0.00	684.44
MW-02	712.53	2/1/2021	ND	27.74	0.00	684.79
MW-02	712.53	2/8/2021	ND	28.28	0.00	684.25
MW-02	712.53	2/16/2021	ND	27.65	0.00	684.88
MW-02	712.53	2/22/2021	ND	27.53	0.00	685.00
MW-02	712.53	3/4/2021	ND	27.52	0.00	685.01
MW-02	712.53	3/8/2021	ND	27.76	0.00	684.77
MW-02	712.53	3/15/2021	ND	27.58	0.00	684.95
MW-02	712.53	3/22/2021	ND	27.39	0.00	685.14
MW-02	712.53	4/1/2021	ND	27.16	0.00	685.37
MW-02	712.53	4/12/2021	ND	26.83	0.00	685.70
MW-02	712.53	4/19/2021	ND	27.76	0.00	684.77
MW-02	712.53	4/29/2021	ND	26.64	0.00	685.89
MW-02	712.53	5/3/2021	ND	26.63	0.00	685.90
MW-02	712.53	5/10/2021	ND	26.69	0.00	685.84
MW-02	712.53	5/18/2021	ND	26.81	0.00	685.72
MW-02	712.53	5/26/2021	ND	26.80	0.00	685.73
MW-02	712.53	5/31/2021	ND	27.03	0.00	685.50
MW-02	712.53	6/7/2021	ND	26.99	0.00	685.54
MW-02	712.53	6/14/2021	ND	27.08	0.00	685.45
MW-02	712.53	6/21/2021	ND	27.19	0.00	685.34
MW-02	712.53	7/1/2021	ND	27.31	0.00	685.22
MW-02	712.53	7/6/2021	ND	27.51	0.00	685.02
MW-02	712.53	7/14/2021	ND	27.59	0.00	684.94
MW-02	712.53	7/28/2021	ND	27.77	0.00	684.76
MW-02	712.53	8/2/2021	ND	27.92	0.00	684.61
MW-02	712.53	8/16/2021	ND	28.19	0.00	684.34

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-03	703.64	9/1/2020	ND	19.93	0.00	683.71
MW-03	703.64	9/3/2020	ND	22.74	0.00	680.90
MW-03	703.64	9/5/2020	ND	22.84	0.00	680.80
MW-03	703.64	9/14/2020	ND	22.78	0.00	680.86
MW-03	703.64	9/18/2020	ND	22.80	0.00	680.84
MW-03	703.64	9/28/2020	ND	22.54	0.00	681.10
MW-03	703.64	10/3/2020	ND	22.57	0.00	681.07
MW-03	703.64	10/19/2020	ND	21.88	0.00	681.76
MW-03	703.64	10/26/2020	ND	21.70	0.00	681.94
MW-03	703.64	11/9/2020	ND	21.44	0.00	682.20
MW-03	703.64	11/18/2020	ND	20.87	0.00	682.77
MW-03	703.64	11/23/2020	ND	20.76	0.00	682.88
MW-03	703.64	12/7/2020	ND	20.39	0.00	683.25
MW-03	703.64	12/21/2020	ND	19.90	0.00	683.74
MW-03	703.64	12/26/2020	ND	19.71	0.00	683.93
MW-03	703.64	1/10/2021	ND	19.54	0.00	684.10
MW-03	703.64	1/19/2021	ND	19.47	0.00	684.17
MW-03	703.64	1/25/2021	ND	19.43	0.00	684.21
MW-03	703.64	2/1/2021	ND	18.56	0.00	685.08
MW-03	703.64	2/8/2021	ND	18.69	0.00	684.95
MW-03	703.64	2/16/2021	ND	17.45	0.00	686.19
MW-03	703.64	2/22/2021	ND	16.89	0.00	686.75
MW-03	703.64	3/4/2021	ND	17.16	0.00	686.48
MW-03	703.64	3/8/2021	ND	17.67	0.00	685.97
MW-03	703.64	3/15/2021	ND	17.90	0.00	685.74
MW-03	703.64	3/22/2021	ND	16.79	0.00	686.85
MW-03	703.64	4/1/2021	ND	15.92	0.00	687.72
MW-03	703.64	4/12/2021	ND	16.90	0.00	686.74
MW-03	703.64	4/19/2021	ND	17.42	0.00	686.22
MW-03	703.64	4/29/2021	ND	18.12	0.00	685.52
MW-03	703.64	5/3/2021	ND	18.29	0.00	685.35
MW-03	703.64	5/10/2021	ND	18.80	0.00	684.84
MW-03	703.64	5/18/2021	ND	19.20	0.00	684.44
MW-03	703.64	5/26/2021	ND	19.40	0.00	684.24
MW-03	703.64	5/31/2021	ND	19.82	0.00	683.82
MW-03	703.64	6/7/2021	ND	20.08	0.00	683.56
MW-03	703.64	6/14/2021	ND	20.27	0.00	683.37
MW-03	703.64	6/21/2021	ND	20.58	0.00	683.06
MW-03	703.64	7/1/2021	ND	20.83	0.00	682.81
MW-03	703.64	7/6/2021	ND	21.10	0.00	682.54
MW-03	703.64	7/14/2021	ND	21.27	0.00	682.37
MW-03	703.64	7/28/2021	ND	21.79	0.00	681.85
MW-03	703.64	8/2/2021	ND	22.21	0.00	681.43
MW-03	703.64	8/16/2021	ND	22.80	0.00	680.84

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-04	712.05	9/1/2020	ND	28.30	0.00	683.75
MW-04	712.05	9/3/2020	ND	28.19	0.00	683.86
MW-04	712.05	9/5/2020	ND	28.32	0.00	683.73
MW-04	715.04	9/14/2020	ND	31.32	0.00	683.72
MW-04	715.04	9/18/2020	ND	31.31	0.00	683.73
MW-04	715.04	9/28/2020	ND	31.23	0.00	683.81
MW-04	715.04	10/3/2020	ND	31.26	0.00	683.78
MW-04	715.04	10/19/2020	ND	30.93	0.00	684.11
MW-04	715.04	10/26/2020	ND	30.78	0.00	684.26
MW-04	715.04	11/9/2020	ND	30.50	0.00	684.54
MW-04	715.04	11/18/2020	ND	30.44	0.00	684.60
MW-04	715.04	11/23/2020	ND	30.32	0.00	684.72
MW-04	715.04	12/7/2020	ND	29.97	0.00	685.07
MW-04	715.04	12/21/2020	ND	29.78	0.00	685.26
MW-04	715.04	12/26/2020	ND	30.04	0.00	685.00
MW-04	715.04	1/10/2021	ND	29.86	0.00	685.18
MW-04	715.04	1/19/2021	ND	29.76	0.00	685.28
MW-04	715.04	1/25/2021	ND	23.46	0.00	691.58
MW-04	715.04	2/1/2021	ND	29.16	0.00	685.88
MW-04	715.04	2/8/2021	ND	29.61	0.00	685.43
MW-04	715.04	2/16/2021	ND	29.05	0.00	685.99
MW-04	715.04	2/22/2021	ND	28.90	0.00	686.14
MW-04	715.04	3/4/2021	ND	28.87	0.00	686.17
MW-04	715.04	3/8/2021	ND	29.13	0.00	685.91
MW-04	715.04	3/15/2021	ND	28.98	0.00	686.06
MW-04	715.04	3/22/2021	ND	28.76	0.00	686.28
MW-04	715.04	4/1/2021	ND	28.54	0.00	686.50
MW-04	715.04	4/12/2021	ND	28.19	0.00	686.85
MW-04	715.04	4/19/2021	ND	28.23	0.00	686.81
MW-04	715.04	4/29/2021	ND	28.26	0.00	686.78
MW-04	715.04	5/3/2021	ND	28.27	0.00	686.77
MW-04	715.04	5/10/2021	ND	28.39	0.00	686.65
MW-04	715.04	5/18/2021	ND	28.54	0.00	686.50
MW-04	715.04	5/26/2021	ND	28.56	0.00	686.48
MW-04	715.04	5/31/2021	ND	28.78	0.00	686.26
MW-04	715.04	6/7/2021	ND	28.77	0.00	686.27
MW-04	715.04	6/14/2021	ND	28.86	0.00	686.18
MW-04	715.04	6/21/2021	ND	29.01	0.00	686.03
MW-04	715.04	7/1/2021	ND	29.13	0.00	685.91
MW-04	715.04	7/6/2021	ND	29.32	0.00	685.72
MW-04	715.04	7/14/2021	ND	29.41	0.00	685.63
MW-04	715.04	7/28/2021	ND	29.61	0.00	685.43
MW-04	715.04	8/2/2021	ND	29.76	0.00	685.28
MW-04	715.04	8/16/2021	ND	30.05	0.00	684.99

Table 3
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-05	705.61	9/1/2020	ND	24.19	0.00	681.42
MW-05	705.61	9/3/2020	ND	25.22	0.00	680.39
MW-05	705.61	9/5/2020	ND	26.38	0.00	679.23
MW-05	705.61	9/6/2020	ND	27.38	0.00	678.23
MW-05	707.30	9/14/2020	ND	27.04	0.00	680.26
MW-05	707.30	9/18/2020	ND	27.03	0.00	680.27
MW-05	707.30	9/28/2020	ND	26.87	0.00	680.43
MW-05	707.30	10/3/2020	ND	26.88	0.00	680.42
MW-05	707.30	10/19/2020	ND	26.49	0.00	680.81
MW-05	707.30	10/26/2020	ND	26.34	0.00	680.96
MW-05	707.30	10/28/2020	ND	28.34	0.00	678.96
MW-05	707.30	11/9/2020	ND	26.06	0.00	681.24
MW-05	707.30	11/18/2020	ND	25.93	0.00	681.37
MW-05	707.30	11/23/2020	ND	25.80	0.00	681.50
MW-05	707.30	12/7/2020	ND	25.39	0.00	681.91
MW-05	707.30	12/21/2020	ND	25.14	0.00	682.16
MW-05	707.30	12/26/2020	ND	25.17	0.00	682.13
MW-05	707.30	1/10/2021	ND	24.89	0.00	682.41
MW-05	707.30	1/19/2021	ND	24.72	0.00	682.58
MW-05	707.30	1/25/2021	ND	24.43	0.00	682.87
MW-05	707.30	2/1/2021	ND	24.25	0.00	683.05
MW-05	707.30	2/8/2021	ND	24.49	0.00	682.81
MW-05	707.30	2/16/2021	ND	23.96	0.00	683.34
MW-05	707.30	2/22/2021	ND	23.66	0.00	683.64
MW-05	707.30	3/4/2021	ND	23.41	0.00	683.89
MW-05	707.30	3/8/2021	ND	23.64	0.00	683.66
MW-05	707.30	3/15/2021	ND	23.46	0.00	683.84
MW-05	707.30	3/22/2021	ND	23.19	0.00	684.11
MW-05	707.30	4/1/2021	ND	22.79	0.00	684.51
MW-05	707.30	4/12/2021	ND	22.41	0.00	684.89
MW-05	707.30	4/19/2021	ND	22.45	0.00	684.85
MW-05	707.30	4/29/2021	ND	22.53	0.00	684.77
MW-05	707.30	5/3/2021	ND	22.55	0.00	684.75
MW-05	707.30	5/10/2021	ND	22.83	0.00	684.47
MW-05	707.30	5/18/2021	ND	23.13	0.00	684.17
MW-05	707.30	5/26/2021	ND	23.32	0.00	683.98
MW-05	707.30	5/31/2021	ND	23.68	0.00	683.62
MW-05	707.30	6/7/2021	ND	23.83	0.00	683.47
MW-05	707.30	6/14/2021	ND	23.98	0.00	683.32
MW-05	707.30	6/21/2021	ND	24.20	0.00	683.10
MW-05	707.30	7/1/2021	ND	24.45	0.00	682.85
MW-05	707.30	7/6/2021	ND	24.71	0.00	682.59
MW-05	707.30	7/14/2021	ND	24.87	0.00	682.43
MW-05	707.30	7/28/2021	ND	25.16	0.00	682.14
MW-05	707.30	8/2/2021	ND	25.36	0.00	681.94
MW-05	707.30	8/16/2021	ND	25.79	0.00	681.51

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-06	703.81	9/1/2020	ND	20.70	0.00	683.11
MW-06	703.81	9/3/2020	ND	20.92	0.00	682.89
MW-06	706.34	9/14/2020	ND	23.56	0.00	682.78
MW-06	706.34	9/18/2020	ND	23.65	0.00	682.69
MW-06	706.34	9/28/2020	ND	23.47	0.00	682.87
MW-06	706.34	10/3/2020	ND	23.51	0.00	682.83
MW-06	706.34	10/19/2020	ND	23.23	0.00	683.11
MW-06	706.34	10/26/2020	ND	23.12	0.00	683.22
MW-06	706.34	11/9/2020	ND	22.91	0.00	683.43
MW-06	706.34	11/18/2020	Dry	Dry	Dry	Dry
MW-06	706.34	11/23/2020	ND	22.79	0.00	683.55
MW-06	706.34	12/7/2020	ND	22.36	0.00	683.98
MW-06	706.34	12/21/2020	ND	22.18	0.00	684.16
MW-06	706.34	12/26/2020	ND	22.34	0.00	684.00
MW-06	706.34	1/10/2021	ND	22.15	0.00	684.19
MW-06	706.34	1/19/2021	ND	21.98	0.00	684.36
MW-06	706.34	1/25/2021	ND	21.68	0.00	684.66
MW-06	706.34	2/1/2021	ND	21.36	0.00	684.98
MW-06	706.34	2/8/2021	ND	21.83	0.00	684.51
MW-06	706.34	2/16/2021	ND	21.24	0.00	685.10
MW-06	706.34	2/22/2021	ND	20.99	0.00	685.35
MW-06	706.34	3/4/2021	ND	20.91	0.00	685.43
MW-06	706.34	3/8/2021	ND	21.11	0.00	685.23
MW-06	706.34	3/15/2021	ND	20.93	0.00	685.41
MW-06	706.34	3/22/2021	ND	20.67	0.00	685.67
MW-06	706.34	4/1/2021	ND	20.42	0.00	685.92
MW-06	706.34	4/12/2021	ND	20.07	0.00	686.27
MW-06	706.34	4/19/2021	ND	20.03	0.00	686.31
MW-06	706.34	4/29/2021	ND	19.95	0.00	686.39
MW-06	706.34	5/3/2021	ND	19.91	0.00	686.43
MW-06	706.34	5/10/2021	ND	20.06	0.00	686.28
MW-06	706.34	5/18/2021	ND	20.29	0.00	686.05
MW-06	706.34	5/26/2021	ND	20.39	0.00	685.95
MW-06	706.34	5/31/2021	ND	20.67	0.00	685.67
MW-06	706.34	6/7/2021	ND	20.77	0.00	685.57
MW-06	706.34	6/14/2021	ND	20.90	0.00	685.44
MW-06	706.34	6/21/2021	ND	21.08	0.00	685.26
MW-06	706.34	7/1/2021	ND	21.29	0.00	685.05
MW-06	706.34	7/6/2021	ND	21.52	0.00	684.82
MW-06	706.34	7/14/2021	ND	21.66	0.00	684.68
MW-06	706.34	7/28/2021	ND	21.93	0.00	684.41
MW-06	706.34	8/2/2021	ND	22.13	0.00	684.21
MW-06	706.34	8/16/2021	ND	22.51	0.00	683.83

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-07	709.46	9/1/2020	ND	26.67	0.00	682.79
MW-07	709.46	9/3/2020	ND	26.53	0.00	682.93
MW-07	709.46	9/5/2020	ND	25.60	0.00	683.86
MW-07	712.36	9/14/2020	ND	29.36	0.00	683.00
MW-07	712.36	9/18/2020	ND	29.31	0.00	683.05
MW-07	712.36	9/28/2020	ND	29.24	0.00	683.12
MW-07	712.36	10/3/2020	ND	29.32	0.00	683.04
MW-07	712.36	10/5/2020	ND	31.32	0.00	681.04
MW-07	712.36	10/19/2020	ND	29.28	0.00	683.08
MW-07	712.36	10/26/2020	ND	29.26	0.00	683.10
MW-07	712.36	11/9/2020	ND	29.19	0.00	683.17
MW-07	712.36	11/18/2020	ND	29.20	0.00	683.16
MW-07	712.36	11/23/2020	ND	29.16	0.00	683.20
MW-07	712.36	12/7/2020	ND	29.98	0.00	682.38
MW-07	712.36	12/21/2020	ND	29.04	0.00	683.32
MW-07	712.36	12/26/2020	ND	29.02	0.00	683.34
MW-07	712.36	1/10/2021	ND	29.07	0.00	683.29
MW-07	712.36	1/19/2021	ND	29.62	0.00	682.74
MW-07	712.36	1/25/2021	ND	29.91	0.00	682.45
MW-07	712.36	2/1/2021	ND	30.05	0.00	682.31
MW-07	712.36	2/8/2021	ND	30.19	0.00	682.17
MW-07	712.36	2/16/2021	ND	29.86	0.00	682.50
MW-07	712.36	2/22/2021	ND	29.46	0.00	682.90
MW-07	712.36	3/4/2021	ND	29.23	0.00	683.13
MW-07	712.36	3/8/2021	ND	29.37	0.00	682.99
MW-07	712.36	3/15/2021	ND	29.39	0.00	682.97
MW-07	712.36	3/22/2021	ND	29.43	0.00	682.93
MW-07	712.36	4/1/2021	ND	29.16	0.00	683.20
MW-07	712.36	4/12/2021	ND	29.29	0.00	683.07
MW-07	712.36	4/19/2021	ND	29.58	0.00	682.78
MW-07	712.36	4/29/2021	ND	29.75	0.00	682.61
MW-07	712.36	5/3/2021	ND	29.71	0.00	682.65
MW-07	712.36	5/10/2021	ND	29.94	0.00	682.42
MW-07	712.36	5/18/2021	ND	29.89	0.00	682.47
MW-07	712.36	5/26/2021	ND	30.06	0.00	682.30
MW-07	712.36	5/31/2021	ND	30.23	0.00	682.13
MW-07	712.36	6/7/2021	ND	30.47	0.00	681.89
MW-07	712.36	6/14/2021	ND	30.57	0.00	681.79
MW-07	712.36	6/21/2021	ND	30.72	0.00	681.64
MW-07	712.36	7/1/2021	ND	30.92	0.00	681.44
MW-07	712.36	7/6/2021	ND	31.05	0.00	681.31
MW-07	712.36	7/14/2021	ND	31.09	0.00	681.27
MW-07	712.36	7/28/2021	ND	31.63	0.00	680.73
MW-07	712.36	8/2/2021	ND	31.90	0.00	680.46
MW-07	712.36	8/16/2021	ND	32.49	0.00	679.87

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-08	724.93	9/1/2020	ND	31.50	0.00	693.43
MW-08	724.93	9/3/2020	ND	31.64	0.00	693.29
MW-08	724.93	9/14/2020	ND	31.77	0.00	693.16
MW-08	724.93	9/18/2020	ND	21.78	0.00	703.15
MW-08	724.93	9/28/2020	ND	31.83	0.00	693.10
MW-08	724.93	10/3/2020	ND	31.95	0.00	692.98
MW-08	724.93	10/19/2020	ND	31.87	0.00	693.06
MW-08	724.93	10/26/2020	ND	31.79	0.00	693.14
MW-08	724.93	11/9/2020	ND	31.73	0.00	693.20
MW-08	724.93	11/18/2020	ND	31.69	0.00	693.24
MW-08	724.93	11/23/2020	ND	31.49	0.00	693.44
MW-08	724.93	12/7/2020	ND	37.31	0.00	687.62
MW-08	724.93	12/21/2020	ND	31.25	0.00	693.68
MW-08	724.93	12/26/2020	ND	31.28	0.00	693.65
MW-08	724.93	1/10/2021	ND	31.06	0.00	693.87
MW-08	724.93	1/19/2021	ND	30.97	0.00	693.96
MW-08	724.93	1/25/2021	ND	30.75	0.00	694.18
MW-08	724.93	2/1/2021	ND	30.76	0.00	694.17
MW-08	724.93	2/8/2021	ND	30.83	0.00	694.10
MW-08	724.93	2/16/2021	ND	30.64	0.00	694.29
MW-08	724.93	2/22/2021	ND	30.33	0.00	694.60
MW-08	724.93	3/4/2021	ND	30.08	0.00	694.85
MW-08	724.93	3/8/2021	ND	30.12	0.00	694.81
MW-08	724.93	3/15/2021	ND	30.03	0.00	694.90
MW-08	724.93	3/22/2021	ND	29.93	0.00	695.00
MW-08	724.93	4/1/2021	ND	29.62	0.00	695.31
MW-08	724.93	4/12/2021	ND	29.30	0.00	695.63
MW-08	724.93	4/19/2021	ND	29.25	0.00	695.68
MW-08	724.93	4/29/2021	ND	29.31	0.00	695.62
MW-08	724.93	5/3/2021	ND	29.31	0.00	695.62
MW-08	724.93	5/10/2021	ND	29.46	0.00	695.47
MW-08	724.93	5/18/2021	ND	29.73	0.00	695.20
MW-08	724.93	5/26/2021	ND	29.87	0.00	695.06
MW-08	724.93	5/31/2021	ND	30.08	0.00	694.85
MW-08	724.93	6/7/2021	ND	30.17	0.00	694.76
MW-08	724.93	6/14/2021	ND	30.41	0.00	694.52
MW-08	724.93	6/21/2021	ND	30.58	0.00	694.35
MW-08	724.93	7/1/2021	ND	29.35	0.00	695.58
MW-08	724.93	7/6/2021	ND	30.99	0.00	693.94
MW-08	724.93	7/14/2021	ND	31.22	0.00	693.71
MW-08	724.93	7/28/2021	ND	31.39	0.00	693.54
MW-08	724.93	8/2/2021	ND	31.63	0.00	693.30
MW-08	724.93	8/16/2021	ND	31.89	0.00	693.04

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-09	709.46	9/1/2020	ND	26.02	0.00	683.44
MW-09	709.46	9/3/2020	ND	26.64	0.00	682.82
MW-09	717.15	9/14/2020	ND	28.82	0.00	688.33
MW-09	717.15	9/18/2020	ND	28.84	0.00	688.31
MW-09	717.15	9/28/2020	ND	28.84	0.00	688.31
MW-09	717.15	10/3/2020	ND	28.93	0.00	688.22
MW-09	717.15	10/19/2020	ND	28.96	0.00	688.19
MW-09	717.15	10/26/2020	ND	28.93	0.00	688.22
MW-09	717.15	11/9/2020	ND	28.84	0.00	688.31
MW-09	717.15	11/18/2020	ND	28.87	0.00	688.28
MW-09	717.15	11/23/2020	ND	29.82	0.00	687.33
MW-09	717.15	12/7/2020	ND	28.62	0.00	688.53
MW-09	717.15	12/21/2020	ND	28.62	0.00	688.53
MW-09	717.15	12/26/2020	ND	28.62	0.00	688.53
MW-09	717.15	1/10/2021	ND	28.54	0.00	688.61
MW-09	717.15	1/19/2021	ND	28.55	0.00	688.60
MW-09	717.15	1/25/2021	ND	28.46	0.00	688.69
MW-09	717.15	2/1/2021	ND	28.44	0.00	688.71
MW-09	717.15	2/8/2021	ND	28.64	0.00	688.51
MW-09	717.15	2/16/2021	ND	28.40	0.00	688.75
MW-09	717.15	2/22/2021	ND	28.28	0.00	688.87
MW-09	717.15	3/4/2021	ND	28.12	0.00	689.03
MW-09	717.15	3/8/2021	ND	28.20	0.00	688.95
MW-09	717.15	3/15/2021	ND	28.07	0.00	689.08
MW-09	717.15	3/22/2021	ND	27.97	0.00	689.18
MW-09	717.15	4/1/2021	ND	27.84	0.00	689.31
MW-09	717.15	4/12/2021	ND	27.56	0.00	689.59
MW-09	717.15	4/19/2021	ND	27.53	0.00	689.62
MW-09	717.15	4/29/2021	ND	27.49	0.00	689.66
MW-09	717.15	5/3/2021	ND	27.42	0.00	689.73
MW-09	717.15	5/10/2021	ND	27.56	0.00	689.59
MW-09	717.15	5/18/2021	ND	27.62	0.00	689.53
MW-09	717.15	5/26/2021	ND	27.69	0.00	689.46
MW-09	717.15	5/31/2021	ND	27.87	0.00	689.28
MW-09	717.15	6/7/2021	ND	27.98	0.00	689.17
MW-09	717.15	6/14/2021	ND	28.06	0.00	689.09
MW-09	717.15	6/21/2021	ND	28.23	0.00	688.92
MW-09	717.15	7/1/2021	ND	28.41	0.00	688.74
MW-09	717.15	7/6/2021	ND	28.62	0.00	688.53
MW-09	717.15	7/14/2021	ND	28.78	0.00	688.37
MW-09	717.15	7/28/2021	ND	29.23	0.00	687.92
MW-09	717.15	8/2/2021	ND	29.50	0.00	687.65
MW-09	717.15	8/16/2021	ND	29.91	0.00	687.24

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-10	721.52	9/1/2020	Dry	Dry	Dry	Dry
MW-10	721.52	9/3/2020	Dry	Dry	Dry	Dry
MW-10	721.52	9/5/2020	Dry	Dry	Dry	Dry
MW-10	722.91	9/14/2020	Dry	Dry	Dry	Dry
MW-10	722.91	9/18/2020	Dry	Dry	Dry	Dry
MW-10	722.91	9/28/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/3/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/4/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/5/2020	Dry	Dry	Dry	Dry
MW-10	722.91	10/26/2020	Dry	Dry	Dry	Dry
MW-10	722.91	11/9/2020	Dry	Dry	Dry	Dry
MW-10	722.91	11/18/2020	Dry	Dry	Dry	Dry
MW-10	722.91	11/23/2020	Dry	Dry	Dry	Dry
MW-10	722.91	12/7/2020	Dry	Dry	Dry	Dry
MW-10	722.91	12/21/2020	Dry	Dry	Dry	Dry
MW-10	722.91	12/26/2020	Dry	Dry	Dry	Dry
MW-10	722.91	1/10/2021	Dry	Dry	Dry	Dry
MW-10	722.91	1/19/2021	Dry	Dry	Dry	Dry
MW-10	722.91	1/25/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/1/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/8/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/16/2021	Dry	Dry	Dry	Dry
MW-10	722.91	2/22/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/4/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/8/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/15/2021	Dry	Dry	Dry	Dry
MW-10	722.91	3/22/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/1/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/12/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/19/2021	Dry	Dry	Dry	Dry
MW-10	722.91	4/29/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/3/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/10/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/18/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/26/2021	Dry	Dry	Dry	Dry
MW-10	722.91	5/31/2021	Dry	Dry	Dry	Dry
MW-10	722.91	6/7/2021	Dry	Dry	Dry	Dry
MW-10	722.91	6/14/2021	Dry	Dry	Dry	Dry
MW-10	722.91	6/21/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/1/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/6/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/14/2021	Dry	Dry	Dry	Dry
MW-10	722.91	7/28/2021	Dry	Dry	Dry	Dry
MW-10	722.91	8/2/2021	Dry	Dry	Dry	Dry
MW-10	722.91	8/16/2021	Dry	Dry	Dry	Dry

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-11	739.65	9/1/2020	ND	40.90	0.00	698.75
MW-11	739.65	9/3/2020	ND	43.20	0.00	696.45
MW-11	739.65	9/14/2020	ND	45.24	0.00	694.41
MW-11	739.65	9/18/2020	ND	42.00	0.00	697.65
MW-11	739.65	9/28/2020	ND	42.03	0.00	697.62
MW-11	739.65	10/3/2020	ND	42.14	0.00	697.51
MW-11	739.65	10/19/2020	ND	42.24	0.00	697.41
MW-11	739.65	10/26/2020	ND	42.30	0.00	697.35
MW-11	739.65	11/9/2020	42.40	42.41	0.01	697.24
MW-11	739.65	11/18/2020	42.53	42.55	0.02	697.11
MW-11	739.65	11/24/2020	NM	NM	NM	NM
MW-11	739.65	12/7/2020	42.31	42.65	0.34	697.25
MW-11	739.65	12/21/2020	42.06	43.90	1.84	697.09
MW-11	739.65	12/26/2020	41.96	44.51	2.55	697.00
MW-11	739.65	1/10/2021	41.60	41.85	0.25	697.98
MW-11	739.65	1/19/2021	41.40	47.00	5.60	696.75
MW-11	739.65	1/25/2021	41.45	47.72	6.27	696.52
MW-11	739.65	2/1/2021	41.56	47.60	6.04	696.47
MW-11	739.65	2/8/2021	41.66	48.09	6.43	696.27
MW-11	739.65	2/16/2021	41.48	47.57	6.09	696.54
MW-11	739.65	2/22/2021	41.52	47.43	5.91	696.55
MW-11	739.65	3/4/2021	41.51	47.26	5.75	696.60
MW-11	739.65	3/8/2021	41.87	47.66	5.79	696.23
MW-11	739.65	3/11/2021	41.95	47.65	5.70	696.17
MW-11	739.65	3/15/2021	42.09	47.84	5.75	696.02
MW-11	739.65	3/22/2021	42.18	47.68	5.50	696.00
MW-11	735.80	4/1/2021	ND	42.25	0.00	693.55
MW-11	735.80	4/12/2021	ARP	ARP	ARP	ARP
MW-11	735.80	4/19/2021	ARP	ARP	ARP	ARP
MW-11	735.80	4/29/2021	41.97	43.21	1.24	693.50
MW-11	735.80	5/3/2021	ARP	ARP	ARP	ARP
MW-11	735.80	5/10/2021	ARP	ARP	ARP	ARP
MW-11	735.80	5/18/2021	ARP	ARP	ARP	ARP
MW-11	735.80	5/26/2021	42.72	43.62	0.90	692.84
MW-11	735.80	5/31/2021	ARP	ARP	ARP	ARP
MW-11	735.80	6/7/2021	ARP	ARP	ARP	ARP
MW-11	735.80	6/14/2021	ARP	ARP	ARP	ARP
MW-11	735.80	6/21/2021	ARP	ARP	ARP	ARP
MW-11	735.80	7/1/2021	43.54	44.26	0.72	692.07
MW-11	735.80	7/6/2021	ARP	ARP	ARP	ARP
MW-11	735.80	7/14/2021	44.52	44.55	0.03	691.27
MW-11	735.80	7/28/2021	44.18	44.44	0.26	691.55
MW-11	735.80	8/16/2021	ARP	ARP	ARP	ARP

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-12	718.27	9/1/2020	ND	30.95	0.00	687.32
MW-12	718.27	9/3/2020	ND	32.18	0.00	686.09
MW-12	718.27	9/5/2020	ND	32.27	0.00	686.00
MW-12	718.27	9/14/2020	ND	33.77	0.00	684.50
MW-12	718.27	9/18/2020	ND	33.78	0.00	684.49
MW-12	718.27	9/28/2020	ND	33.71	0.00	684.56
MW-12	718.27	10/3/2020	ND	33.78	0.00	684.49
MW-12	718.27	10/19/2020	ND	33.63	0.00	684.64
MW-12	718.27	10/26/2020	ND	33.58	0.00	684.69
MW-12	718.27	11/9/2020	ND	33.36	0.00	684.91
MW-12	718.27	11/18/2020	ND	33.36	0.00	684.91
MW-12	718.27	11/23/2020	ND	33.30	0.00	684.97
MW-12	718.27	12/7/2020	ND	32.98	0.00	685.29
MW-12	718.27	12/21/2020	ND	37.82	0.00	680.45
MW-12	718.27	12/26/2020	ND	33.11	0.00	685.16
MW-12	718.27	1/10/2021	ND	32.83	0.00	685.44
MW-12	718.27	1/19/2021	ND	32.82	0.00	685.45
MW-12	718.27	1/25/2021	ND	32.54	0.00	685.73
MW-12	718.27	2/1/2021	ND	32.30	0.00	685.97
MW-12	718.27	2/8/2021	ND	32.73	0.00	685.54
MW-12	718.27	2/16/2021	ND	32.21	0.00	686.06
MW-12	718.27	2/22/2021	ND	32.05	0.00	686.22
MW-12	718.27	3/4/2021	ND	32.07	0.00	686.20
MW-12	718.27	3/8/2021	ND	32.32	0.00	685.95
MW-12	718.27	3/15/2021	ND	32.16	0.00	686.11
MW-12	718.27	3/22/2021	ND	31.98	0.00	686.29
MW-12	718.27	4/1/2021	ND	31.87	0.00	686.40
MW-12	718.27	4/12/2021	Dry	Dry	Dry	Dry
MW-12	718.27	4/19/2021	ND	31.61	0.00	686.66
MW-12	718.27	4/29/2021	ND	31.41	0.00	686.86
MW-12	718.27	5/3/2021	ND	31.38	0.00	686.89
MW-12	718.27	5/10/2021	ND	31.40	0.00	686.87
MW-12	718.27	5/18/2021	ND	31.47	0.00	686.80
MW-12	718.27	5/26/2021	ND	31.44	0.00	686.83
MW-12	718.27	5/31/2021	ND	31.60	0.00	686.67
MW-12	718.27	6/7/2021	ND	31.51	0.00	686.76
MW-12	718.27	6/14/2021	ND	31.56	0.00	686.71
MW-12	718.27	6/21/2021	ND	31.63	0.00	686.64
MW-12	718.27	7/1/2021	ND	31.73	0.00	686.54
MW-12	718.27	7/6/2021	ND	31.91	0.00	686.36
MW-12	718.27	7/14/2021	ND	31.95	0.00	686.32
MW-12	718.27	7/28/2021	ND	32.12	0.00	686.15
MW-12	718.27	8/2/2021	ND	32.25	0.00	686.02
MW-12	718.27	8/16/2021	ND	32.46	0.00	685.81

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-13	736.29	9/14/2020	ND	41.77	0.00	694.52
MW-13	736.29	9/18/2020	ND	38.42	0.00	697.87
MW-13	736.29	9/28/2020	ND	38.40	0.00	697.89
MW-13	736.29	10/3/2020	ND	38.51	0.00	697.78
MW-13	736.29	10/19/2020	ND	38.55	0.00	697.74
MW-13	736.29	10/26/2020	ND	38.62	0.00	697.67
MW-13	736.29	11/9/2020	ND	38.72	0.00	697.57
MW-13	736.29	11/18/2020	ND	38.86	0.00	697.43
MW-13	736.29	11/23/2020	ND	38.75	0.00	697.54
MW-13	736.29	12/7/2020	ND	38.72	0.00	697.57
MW-13	736.29	12/21/2020	ND	38.81	0.00	697.48
MW-13	736.29	12/26/2020	ND	38.92	0.00	697.37
MW-13	736.29	1/10/2021	ND	39.07	0.00	697.22
MW-13	736.29	1/19/2021	ND	39.11	0.00	697.18
MW-13	736.29	1/25/2021	ND	39.28	0.00	697.01
MW-13	736.29	2/1/2021	ND	39.30	0.00	696.99
MW-13	736.29	2/8/2021	ND	39.70	0.00	696.59
MW-13	736.29	2/16/2021	ND	39.58	0.00	696.71
MW-13	736.29	2/22/2021	ND	39.56	0.00	696.73
MW-13	732.88	3/4/2021	ND	39.52	0.00	693.36
MW-13	732.88	3/8/2021	ND	39.84	0.00	693.04
MW-13	732.88	3/15/2021	ND	40.19	0.00	692.69
MW-13	732.88	3/22/2021	ND	40.24	0.00	692.64
MW-13	732.88	4/1/2021	ND	39.75	0.00	693.13
MW-13	732.88	4/12/2021	ND	39.46	0.00	693.42
MW-13	732.88	4/19/2021	ND	39.62	0.00	693.26
MW-13	732.88	4/29/2021	ND	39.48	0.00	693.40
MW-13	732.88	5/3/2021	ND	39.44	0.00	693.44
MW-13	732.88	5/10/2021	ND	39.82	0.00	693.06
MW-13	732.88	5/18/2021	ND	40.60	0.00	692.28
MW-13	732.88	5/26/2021	ND	40.34	0.00	692.54
MW-13	732.88	5/31/2021	ND	41.17	0.00	691.71
MW-13	732.88	6/7/2021	ND	41.30	0.00	691.58
MW-13	732.88	6/14/2021	ND	39.46	0.00	693.42
MW-13	732.88	6/21/2021	ND	39.96	0.00	692.92
MW-13	732.88	7/1/2021	ND	41.28	0.00	691.60
MW-13	732.88	7/6/2021	ND	42.27	0.00	690.61
MW-13	732.88	7/14/2021	ND	41.86	0.00	691.02
MW-13	732.88	7/28/2021	ND	42.38	0.00	690.50
MW-13	732.88	8/2/2021	ND	42.75	0.00	690.13
MW-13	732.88	8/16/2021	ND	42.84	0.00	690.04

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-14	724.88	9/14/2020	ND	31.21	0.00	693.67
MW-14	724.88	9/18/2020	ND	31.24	0.00	693.64
MW-14	724.88	9/28/2020	ND	31.29	0.00	693.59
MW-14	724.88	10/3/2020	ND	31.28	0.00	693.60
MW-14	724.88	10/5/2020	ND	33.28	0.00	691.60
MW-14	724.88	10/19/2020	ND	31.25	0.00	693.63
MW-14	724.88	10/26/2020	ND	31.27	0.00	693.61
MW-14	724.88	11/9/2020	ND	31.18	0.00	693.70
MW-14	724.88	11/18/2020	ND	31.13	0.00	693.75
MW-14	724.88	11/23/2020	ND	31.01	0.00	693.87
MW-14	724.88	12/7/2020	ND	30.85	0.00	694.03
MW-14	724.88	12/21/2020	ND	30.82	0.00	694.06
MW-14	724.88	12/26/2020	ND	30.89	0.00	693.99
MW-14	724.88	1/10/2021	ND	30.73	0.00	694.15
MW-14	724.88	1/19/2021	ND	30.68	0.00	694.20
MW-14	724.88	1/25/2021	ND	30.49	0.00	694.39
MW-14	724.88	2/1/2021	ND	30.53	0.00	694.35
MW-14	724.88	2/8/2021	ND	30.67	0.00	694.21
MW-14	724.88	2/16/2021	ND	30.55	0.00	694.33
MW-14	724.88	2/22/2021	ND	30.34	0.00	694.54
MW-14	724.88	3/4/2021	ND	30.14	0.00	694.74
MW-14	724.88	3/8/2021	ND	30.18	0.00	694.70
MW-14	724.88	3/15/2021	ND	30.10	0.00	694.78
MW-14	724.88	3/22/2021	ND	30.06	0.00	694.82
MW-14	724.88	4/1/2021	ND	29.84	0.00	695.04
MW-14	724.88	4/12/2021	ND	29.54	0.00	695.34
MW-14	724.88	4/19/2021	ND	29.48	0.00	695.40
MW-14	724.88	4/29/2021	ND	29.50	0.00	695.38
MW-14	724.88	5/3/2021	ND	29.50	0.00	695.38
MW-14	724.88	5/10/2021	ND	29.66	0.00	695.22
MW-14	724.88	5/18/2021	ND	29.97	0.00	694.91
MW-14	724.88	5/26/2021	ND	30.14	0.00	694.74
MW-14	724.88	5/31/2021	ND	30.38	0.00	694.50
MW-14	724.88	6/7/2021	ND	30.49	0.00	694.39
MW-14	724.88	6/14/2021	ND	30.74	0.00	694.14
MW-14	724.88	6/21/2021	ND	30.88	0.00	694.00
MW-14	724.88	7/1/2021	ND	31.11	0.00	693.77
MW-14	724.88	7/6/2021	ND	31.33	0.00	693.55
MW-14	724.88	7/14/2021	ND	31.52	0.00	693.36
MW-14	724.88	7/28/2021	ND	31.73	0.00	693.15
MW-14	724.88	8/2/2021	ND	31.97	0.00	692.91
MW-14	724.88	8/16/2021	ND	32.23	0.00	692.65

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-15	725.70	9/3/2020	ND	33.31	0.00	692.39
MW-15	725.70	9/5/2020	ND	33.38	0.00	692.32
MW-15	725.70	9/14/2020	ND	34.79	0.00	690.91
MW-15	725.70	9/18/2020	ND	34.81	0.00	690.89
MW-15	725.70	9/28/2020	ND	34.18	0.00	691.52
MW-15	725.70	10/3/2020	ND	34.89	0.00	690.81
MW-15	725.70	10/19/2020	ND	34.88	0.00	690.82
MW-15	725.70	10/26/2020	ND	34.88	0.00	690.82
MW-15	725.70	11/9/2020	ND	34.84	0.00	690.86
MW-15	725.70	11/18/2020	ND	34.85	0.00	690.85
MW-15	725.70	11/23/2020	ND	34.82	0.00	690.88
MW-15	725.70	12/7/2020	ND	35.72	0.00	689.98
MW-15	725.70	12/21/2020	ND	34.66	0.00	691.04
MW-15	725.70	12/26/2020	ND	34.70	0.00	691.00
MW-15	725.70	1/10/2021	ND	34.61	0.00	691.09
MW-15	725.70	1/19/2021	ND	34.58	0.00	691.12
MW-15	725.70	1/25/2021	ND	34.50	0.00	691.20
MW-15	725.70	2/1/2021	ND	34.50	0.00	691.20
MW-15	725.70	2/8/2021	ND	34.60	0.00	691.10
MW-15	725.70	2/16/2021	ND	34.48	0.00	691.22
MW-15	725.70	2/22/2021	ND	34.43	0.00	691.27
MW-15	725.70	3/4/2021	ND	34.32	0.00	691.38
MW-15	725.70	3/8/2021	ND	34.37	0.00	691.33
MW-15	725.70	3/15/2021	ND	34.27	0.00	691.43
MW-15	725.70	3/22/2021	ND	34.14	0.00	691.56
MW-15	725.70	4/1/2021	ND	34.03	0.00	691.67
MW-15	725.70	4/12/2021	ND	33.77	0.00	691.93
MW-15	725.70	4/19/2021	ND	33.68	0.00	692.02
MW-15	725.70	4/29/2021	ND	33.51	0.00	692.19
MW-15	725.70	5/3/2021	ND	33.46	0.00	692.24
MW-15	725.70	5/10/2021	ND	33.43	0.00	692.27
MW-15	725.70	5/18/2021	ND	33.40	0.00	692.30
MW-15	725.70	5/26/2021	ND	33.37	0.00	692.33
MW-15	725.70	5/31/2021	ND	33.44	0.00	692.26
MW-15	725.70	6/7/2021	ND	33.42	0.00	692.28
MW-15	725.70	6/14/2021	ND	33.49	0.00	692.21
MW-15	725.70	6/21/2021	ND	33.58	0.00	692.12
MW-15	725.70	7/1/2021	ND	33.73	0.00	691.97
MW-15	725.70	7/6/2021	ND	33.85	0.00	691.85
MW-15	725.70	7/14/2021	ND	33.99	0.00	691.71
MW-15	725.70	7/28/2021	ND	34.21	0.00	691.49
MW-15	725.70	8/2/2021	ND	34.34	0.00	691.36
MW-15	725.70	8/16/2021	ND	34.54	0.00	691.16

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-16	725.49	9/14/2020	ND	26.02	0.00	699.47
MW-16	725.49	9/18/2020	ND	33.90	0.00	691.59
MW-16	725.49	9/28/2020	ND	33.87	0.00	691.62
MW-16	725.49	10/3/2020	ND	33.91	0.00	691.58
MW-16	725.49	10/19/2020	ND	33.89	0.00	691.60
MW-16	725.49	10/26/2020	ND	33.86	0.00	691.63
MW-16	725.49	11/9/2020	ND	33.85	0.00	691.64
MW-16	725.49	11/18/2020	ND	33.85	0.00	691.64
MW-16	725.49	11/23/2020	ND	34.78	0.00	690.71
MW-16	725.49	12/7/2020	ND	33.42	0.00	692.07
MW-16	725.49	12/21/2020	ND	33.73	0.00	691.76
MW-16	725.49	12/26/2020	ND	33.79	0.00	691.70
MW-16	725.49	1/10/2021	ND	33.73	0.00	691.76
MW-16	725.49	1/19/2021	ND	33.69	0.00	691.80
MW-16	725.49	1/25/2021	ND	33.58	0.00	691.91
MW-16	725.49	2/1/2021	ND	33.63	0.00	691.86
MW-16	725.49	2/8/2021	ND	33.71	0.00	691.78
MW-16	725.49	2/16/2021	ND	33.64	0.00	691.85
MW-16	725.49	2/22/2021	ND	33.57	0.00	691.92
MW-16	725.49	3/4/2021	ND	33.48	0.00	692.01
MW-16	725.49	3/8/2021	ND	33.55	0.00	691.94
MW-16	725.49	3/15/2021	ND	33.50	0.00	691.99
MW-16	725.49	3/22/2021	ND	33.46	0.00	692.03
MW-16	725.49	4/1/2021	ND	33.32	0.00	692.17
MW-16	725.49	4/12/2021	ND	33.16	0.00	692.33
MW-16	725.49	4/19/2021	ND	33.08	0.00	692.41
MW-16	725.49	4/29/2021	ND	32.98	0.00	692.51
MW-16	725.49	5/3/2021	ND	32.95	0.00	692.54
MW-16	725.49	5/10/2021	ND	32.94	0.00	692.55
MW-16	725.49	5/18/2021	ND	32.92	0.00	692.57
MW-16	725.49	5/26/2021	ND	32.90	0.00	692.59
MW-16	725.49	5/31/2021	ND	32.98	0.00	692.51
MW-16	725.49	6/7/2021	ND	32.98	0.00	692.51
MW-16	725.49	6/14/2021	ND	32.98	0.00	692.51
MW-16	725.49	6/21/2021	ND	33.03	0.00	692.46
MW-16	725.49	7/1/2021	ND	33.15	0.00	692.34
MW-16	725.49	7/6/2021	ND	33.24	0.00	692.25
MW-16	725.49	7/14/2021	ND	33.42	0.00	692.07
MW-16	725.49	7/28/2021	ND	33.52	0.00	691.97
MW-16	725.49	8/2/2021	ND	33.65	0.00	691.84
MW-16	725.49	8/16/2021	ND	33.85	0.00	691.64

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-17	727.50	9/14/2020	ND	31.32	0.00	696.18
MW-17	727.50	9/18/2020	ND	35.71	0.00	691.79
MW-17	727.50	9/28/2020	ND	35.70	0.00	691.80
MW-17	727.50	10/3/2020	ND	35.75	0.00	691.75
MW-17	727.50	10/19/2020	ND	35.73	0.00	691.77
MW-17	727.50	10/26/2020	ND	35.72	0.00	691.78
MW-17	727.50	10/28/2020	ND	37.72	0.00	689.78
MW-17	727.50	11/9/2020	ND	35.72	0.00	691.78
MW-17	727.50	11/18/2020	ND	35.73	0.00	691.77
MW-17	727.50	11/23/2020	ND	35.68	0.00	691.82
MW-17	727.50	12/7/2020	ND	35.60	0.00	691.90
MW-17	727.50	12/21/2020	ND	35.62	0.00	691.88
MW-17	727.50	12/26/2020	ND	35.70	0.00	691.80
MW-17	727.50	1/10/2021	ND	35.68	0.00	691.82
MW-17	727.50	1/19/2021	ND	35.68	0.00	691.82
MW-17	727.50	1/25/2021	ND	35.56	0.00	691.94
MW-17	727.50	2/1/2021	ND	35.61	0.00	691.89
MW-17	727.50	2/8/2021	ND	35.73	0.00	691.77
MW-17	727.50	2/16/2021	ND	35.66	0.00	691.84
MW-17	727.50	2/22/2021	ND	35.63	0.00	691.87
MW-17	727.50	3/4/2021	ND	35.57	0.00	691.93
MW-17	727.50	3/8/2021	ND	35.63	0.00	691.87
MW-17	727.50	3/15/2021	ND	35.55	0.00	691.95
MW-17	727.50	3/22/2021	ND	35.51	0.00	691.99
MW-17	727.50	4/1/2021	ND	35.41	0.00	692.09
MW-17	727.50	4/12/2021	ND	35.17	0.00	692.33
MW-17	727.50	4/19/2021	ND	35.16	0.00	692.34
MW-17	727.50	4/29/2021	ND	35.08	0.00	692.42
MW-17	727.50	5/3/2021	ND	35.01	0.00	692.49
MW-17	727.50	5/10/2021	ND	34.98	0.00	692.52
MW-17	727.50	5/18/2021	ND	34.98	0.00	692.52
MW-17	727.50	5/26/2021	ND	34.94	0.00	692.56
MW-17	727.50	5/31/2021	ND	35.02	0.00	692.48
MW-17	727.50	6/7/2021	ND	35.00	0.00	692.50
MW-17	727.50	6/14/2021	ND	34.99	0.00	692.51
MW-17	727.50	6/21/2021	ND	35.03	0.00	692.47
MW-17	727.50	7/1/2021	ND	35.12	0.00	692.38
MW-17	727.50	7/6/2021	ND	35.24	0.00	692.26
MW-17	727.50	7/14/2021	ND	35.43	0.00	692.07
MW-17	727.50	7/28/2021	ND	35.53	0.00	691.97
MW-17	727.50	8/2/2021	ND	35.69	0.00	691.81
MW-17	727.50	8/16/2021	ND	35.86	0.00	691.64

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-18	729.75	9/3/2020	ND	36.67	0.00	693.08
MW-18	729.75	9/14/2020	ND	39.78	0.00	689.97
MW-18	729.75	9/18/2020	ND	39.75	0.00	690.00
MW-18	729.75	9/28/2020	ND	39.71	0.00	690.04
MW-18	729.75	10/3/2020	ND	39.79	0.00	689.96
MW-18	729.75	10/19/2020	ND	39.88	0.00	689.87
MW-18	729.75	10/26/2020	ND	39.93	0.00	689.82
MW-18	729.75	11/9/2020	ND	40.04	0.00	689.71
MW-18	729.75	11/18/2020	ND	40.15	0.00	689.60
MW-18	729.75	11/23/2020	ND	40.17	0.00	689.58
MW-18	729.75	12/7/2020	ND	40.11	0.00	689.64
MW-18	729.75	12/21/2020	40.13	40.88	0.75	689.42
MW-18	729.75	12/26/2020	39.85	41.95	2.10	689.34
MW-18	729.75	1/10/2021	39.89	45.56	5.67	688.34
MW-18	729.75	1/19/2021	39.24	45.50	6.26	688.83
MW-18	729.75	1/25/2021	39.35	45.57	6.22	688.74
MW-18	729.75	2/1/2021	39.30	45.80	6.50	688.71
MW-18	729.75	2/8/2021	39.57	46.40	6.83	688.35
MW-18	729.75	2/16/2021	39.27	46.48	7.21	688.55
MW-18	729.75	2/22/2021	39.16	46.44	7.28	688.64
MW-18	729.75	3/4/2021	ND	39.21	0.00	690.54
MW-18	729.75	3/8/2021	ARP	ARP	ARP	ARP
MW-18	729.75	3/15/2021	ARP	ARP	ARP	ARP
MW-18	729.75	3/22/2021	ARP	ARP	ARP	ARP
MW-18	728.17	4/1/2021	39.51	39.64	0.13	688.63
MW-18	728.17	4/12/2021	ARP	ARP	ARP	ARP
MW-18	728.17	4/19/2021	ARP	ARP	ARP	ARP
MW-18	728.17	4/29/2021	39.03	40.55	1.52	688.73
MW-18	728.17	5/3/2021	ARP	ARP	ARP	ARP
MW-18	728.17	5/10/2021	ARP	ARP	ARP	ARP
MW-18	728.17	5/18/2021	ARP	ARP	ARP	ARP
MW-18	728.17	5/26/2021	39.24	40.63	1.39	688.56
MW-18	728.17	5/31/2021	ARP	ARP	ARP	ARP
MW-18	728.17	6/7/2021	ARP	ARP	ARP	ARP
MW-18	728.17	6/14/2021	ARP	ARP	ARP	ARP
MW-18	728.17	6/21/2021	ARP	ARP	ARP	ARP
MW-18	728.17	7/1/2021	39.54	41.06	1.52	688.22
MW-18	728.17	7/6/2021	ARP	ARP	ARP	ARP
MW-18	728.17	7/14/2021	39.62	41.18	1.56	688.13
MW-18	728.17	7/28/2021	40.18	41.59	1.41	687.61
MW-18	728.17	8/16/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-19	726.29	9/14/2020	ND	13.45	0.00	712.84
MW-19	726.29	9/18/2020	ND	31.25	0.00	695.04
MW-19	726.29	9/28/2020	ND	31.27	0.00	695.02
MW-19	726.29	10/3/2020	ND	31.28	0.00	695.01
MW-19	726.29	10/5/2020	ND	33.28	0.00	693.01
MW-19	726.29	10/19/2020	ND	31.26	0.00	695.03
MW-19	726.29	10/26/2020	ND	31.28	0.00	695.01
MW-19	726.29	11/9/2020	ND	31.30	0.00	694.99
MW-19	726.29	11/18/2020	ND	31.35	0.00	694.94
MW-19	726.29	11/23/2020	ND	31.28	0.00	695.01
MW-19	726.29	12/7/2020	ND	31.23	0.00	695.06
MW-19	726.29	12/21/2020	ND	31.30	0.00	694.99
MW-19	726.29	12/26/2020	ND	31.35	0.00	694.94
MW-19	726.29	1/10/2021	ND	31.28	0.00	695.01
MW-19	726.29	1/19/2021	ND	31.26	0.00	695.03
MW-19	726.29	1/25/2021	ND	41.09	0.00	685.20
MW-19	726.29	2/1/2021	ND	31.14	0.00	695.15
MW-19	726.29	2/8/2021	ND	31.22	0.00	695.07
MW-19	726.29	2/16/2021	ND	31.11	0.00	695.18
MW-19	726.29	2/22/2021	ND	30.92	0.00	695.37
MW-19	726.29	3/4/2021	ND	30.58	0.00	695.71
MW-19	726.29	3/8/2021	ND	30.56	0.00	695.73
MW-19	726.29	3/15/2021	ND	30.44	0.00	695.85
MW-19	726.29	3/22/2021	ND	30.42	0.00	695.87
MW-19	726.29	4/1/2021	ND	30.17	0.00	696.12
MW-19	726.29	4/12/2021	ND	29.83	0.00	696.46
MW-19	726.29	4/19/2021	ND	29.86	0.00	696.43
MW-19	726.29	4/29/2021	ND	30.02	0.00	696.27
MW-19	726.29	5/3/2021	ND	30.05	0.00	696.24
MW-19	726.29	5/10/2021	ND	30.22	0.00	696.07
MW-19	726.29	5/18/2021	ND	30.37	0.00	695.92
MW-19	726.29	5/26/2021	ND	30.42	0.00	695.87
MW-19	726.29	5/31/2021	ND	30.55	0.00	695.74
MW-19	726.29	6/7/2021	ND	30.56	0.00	695.73
MW-19	726.29	6/14/2021	ND	30.52	0.00	695.77
MW-19	726.29	6/21/2021	ND	30.72	0.00	695.57
MW-19	726.29	7/1/2021	ND	30.78	0.00	695.51
MW-19	726.29	7/6/2021	ND	30.84	0.00	695.45
MW-19	726.29	7/14/2021	ND	30.94	0.00	695.35
MW-19	726.29	7/28/2021	ND	30.87	0.00	695.42
MW-19	726.29	8/2/2021	ND	30.95	0.00	695.34
MW-19	726.29	8/16/2021	ND	31.03	0.00	695.26

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-20	729.69	9/3/2020	ND	41.44	0.00	688.25
MW-20	729.69	9/14/2020	ND	42.25	0.00	687.44
MW-20	729.69	9/18/2020	ND	40.21	0.00	689.48
MW-20	729.69	9/28/2020	ND	42.17	0.00	687.52
MW-20	729.69	10/3/2020	ND	42.12	0.00	687.57
MW-20	729.69	10/19/2020	ND	42.16	0.00	687.53
MW-20	729.69	10/21/2020	ND	44.16	0.00	685.53
MW-20	729.69	10/26/2020	ND	42.15	0.00	687.54
MW-20	729.69	11/9/2020	ND	42.14	0.00	687.55
MW-20	729.69	11/18/2020	ND	42.29	0.00	687.40
MW-20	729.69	11/23/2020	ND	42.22	0.00	687.47
MW-20	729.69	12/7/2020	ND	42.15	0.00	687.54
MW-20	729.69	12/21/2020	ND	42.26	0.00	687.43
MW-20	729.69	12/26/2020	ND	42.31	0.00	687.38
MW-20	729.69	1/10/2021	ND	42.46	0.00	687.23
MW-20	729.69	1/19/2021	ND	42.54	0.00	687.15
MW-20	729.69	1/25/2021	ND	42.56	0.00	687.13
MW-20	729.69	2/1/2021	ND	42.58	0.00	687.11
MW-20	729.69	2/8/2021	ND	42.84	0.00	686.85
MW-20	729.69	2/16/2021	ND	42.69	0.00	687.00
MW-20	729.69	2/22/2021	ND	42.68	0.00	687.01
MW-20	729.69	3/4/2021	ND	42.62	0.00	687.07
MW-20	729.69	3/8/2021	ND	42.69	0.00	687.00
MW-20	729.69	3/15/2021	ND	42.60	0.00	687.09
MW-20	729.69	3/22/2021	ND	42.55	0.00	687.14
MW-20	729.69	4/1/2021	ND	42.49	0.00	687.20
MW-20	729.69	4/12/2021	ND	42.32	0.00	687.37
MW-20	729.69	4/19/2021	ND	42.31	0.00	687.38
MW-20	729.69	4/29/2021	ND	42.19	0.00	687.50
MW-20	729.69	5/3/2021	ND	42.12	0.00	687.57
MW-20	729.69	5/10/2021	ND	42.11	0.00	687.58
MW-20	729.69	5/18/2021	ND	42.10	0.00	687.59
MW-20	729.69	5/26/2021	ND	42.13	0.00	687.56
MW-20	729.69	5/31/2021	ND	42.16	0.00	687.53
MW-20	729.69	6/7/2021	ND	42.22	0.00	687.47
MW-20	729.69	6/14/2021	ND	42.22	0.00	687.47
MW-20	729.69	6/21/2021	ND	42.30	0.00	687.39
MW-20	729.69	7/1/2021	ND	42.43	0.00	687.26
MW-20	729.69	7/6/2021	ND	42.50	0.00	687.19
MW-20	729.69	7/14/2021	ND	42.56	0.00	687.13
MW-20	729.69	7/28/2021	ND	42.86	0.00	686.83
MW-20	729.69	8/2/2021	ND	43.09	0.00	686.60
MW-20	729.69	8/16/2021	ND	43.39	0.00	686.30

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-21	724.97	9/14/2020	ND	24.99	0.00	699.98
MW-21	724.97	9/18/2020	ND	30.79	0.00	694.18
MW-21	724.97	9/28/2020	ND	30.73	0.00	694.24
MW-21	724.97	10/3/2020	ND	30.81	0.00	694.16
MW-21	724.97	10/19/2020	ND	30.76	0.00	694.21
MW-21	724.97	10/26/2020	ND	30.74	0.00	694.23
MW-21	724.97	11/9/2020	ND	30.78	0.00	694.19
MW-21	724.97	11/18/2020	ND	30.81	0.00	694.16
MW-21	724.97	11/23/2020	ND	30.76	0.00	694.21
MW-21	724.97	12/7/2020	ND	30.71	0.00	694.26
MW-21	724.97	12/21/2020	ND	30.80	0.00	694.17
MW-21	724.97	12/26/2020	ND	30.87	0.00	694.10
MW-21	724.97	1/10/2021	ND	30.92	0.00	694.05
MW-21	724.97	1/19/2021	ND	30.90	0.00	694.07
MW-21	724.97	1/25/2021	ND	30.73	0.00	694.24
MW-21	724.97	2/1/2021	ND	30.78	0.00	694.19
MW-21	724.97	2/8/2021	ND	30.93	0.00	694.04
MW-21	724.97	2/16/2021	ND	30.84	0.00	694.13
MW-21	724.97	2/22/2021	ND	30.82	0.00	694.15
MW-21	724.97	3/4/2021	ND	30.80	0.00	694.17
MW-21	724.97	3/8/2021	ND	30.91	0.00	694.06
MW-21	724.97	3/15/2021	ND	30.81	0.00	694.16
MW-21	724.97	3/22/2021	ND	30.78	0.00	694.19
MW-21	724.97	4/1/2021	ND	30.71	0.00	694.26
MW-21	724.97	4/12/2021	ND	30.56	0.00	694.41
MW-21	724.97	4/19/2021	ND	30.48	0.00	694.49
MW-21	724.97	4/29/2021	ND	30.41	0.00	694.56
MW-21	724.97	5/3/2021	ND	30.38	0.00	694.59
MW-21	724.97	5/10/2021	ND	30.39	0.00	694.58
MW-21	724.97	5/18/2021	ND	30.46	0.00	694.51
MW-21	724.97	5/26/2021	ND	30.42	0.00	694.55
MW-21	724.97	5/31/2021	ND	30.52	0.00	694.45
MW-21	724.97	6/7/2021	ND	30.45	0.00	694.52
MW-21	724.97	6/14/2021	ND	31.50	0.00	693.47
MW-21	724.97	6/21/2021	ND	30.51	0.00	694.46
MW-21	724.97	7/1/2021	ND	30.60	0.00	694.37
MW-21	724.97	7/6/2021	ND	30.66	0.00	694.31
MW-21	724.97	7/14/2021	ND	30.77	0.00	694.20
MW-21	724.97	7/28/2021	ND	30.76	0.00	694.21
MW-21	724.97	8/2/2021	ND	30.87	0.00	694.10
MW-21	724.97	8/16/2021	ND	30.92	0.00	694.05

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-22	721.89	1/10/2020	ARP	ARP	ARP	ARP
MW-22	721.89	9/14/2020	ND	34.88	0.00	687.01
MW-22	721.89	9/18/2020	ND	34.82	0.00	687.07
MW-22	721.89	9/28/2020	ND	34.77	0.00	687.12
MW-22	721.89	10/3/2020	ND	34.88	0.00	687.01
MW-22	721.89	10/19/2020	ND	35.02	0.00	686.87
MW-22	721.89	10/26/2020	ND	35.12	0.00	686.77
MW-22	721.89	11/9/2020	ND	34.80	0.00	687.09
MW-22	721.89	11/18/2020	ND	34.98	0.00	686.91
MW-22	721.89	11/23/2020	ND	34.90	0.00	686.99
MW-22	721.89	12/7/2020	34.71	36.79	2.08	686.63
MW-22	721.89	12/21/2020	ARP	ARP	ARP	ARP
MW-22	721.89	12/26/2020	35.85	37.54	1.69	685.59
MW-22	721.89	1/19/2021	ARP	ARP	ARP	ARP
MW-22	721.89	1/25/2021	ARP	ARP	ARP	ARP
MW-22	721.89	2/1/2021	Dry	Dry	Dry	Dry
MW-22	721.89	2/8/2021	ARP	ARP	ARP	ARP
MW-22	721.89	2/16/2021	ARP	ARP	ARP	ARP
MW-22	721.89	2/22/2021	ARP	ARP	ARP	ARP
MW-22	721.89	3/4/2021	37.06	37.59	0.53	684.69
MW-22	721.89	3/8/2021	ARP	ARP	ARP	ARP
MW-22	721.89	3/15/2021	ARP	ARP	ARP	ARP
MW-22	721.89	3/22/2021	ARP	ARP	ARP	ARP
MW-22	721.89	4/1/2021	37.22	37.25	0.03	684.66
MW-22	721.89	4/12/2021	ARP	ARP	ARP	ARP
MW-22	721.89	4/19/2021	ARP	ARP	ARP	ARP
MW-22	721.89	4/29/2021	37.22	37.48	0.26	684.60
MW-22	721.89	5/3/2021	ARP	ARP	ARP	ARP
MW-22	721.89	5/10/2021	ARP	ARP	ARP	ARP
MW-22	721.89	5/18/2021	ARP	ARP	ARP	ARP
MW-22	721.89	5/26/2021	Dry	Dry	Dry	Dry
MW-22	721.89	5/31/2021	ARP	ARP	ARP	ARP
MW-22	721.89	6/7/2021	ARP	ARP	ARP	ARP
MW-22	721.89	6/14/2021	ARP	ARP	ARP	ARP
MW-22	721.89	6/21/2021	ARP	ARP	ARP	ARP
MW-22	721.89	7/1/2021	Dry	Dry	Dry	Dry
MW-22	721.89	7/6/2021	ARP	ARP	ARP	ARP
MW-22	721.89	7/14/2021	Dry	Dry	Dry	Dry
MW-22	721.89	7/28/2021	37.25	37.34	0.09	684.62
MW-22	721.89	8/16/2021	Dry	Dry	Dry	Dry

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-23	724.32	9/14/2020	ND	30.06	0.00	694.26
MW-23	724.32	9/18/2020	ND	30.38	0.00	693.94
MW-23	724.32	9/28/2020	ND	29.82	0.00	694.50
MW-23	723.81	10/3/2020	ND	29.86	0.00	693.95
MW-23	723.81	10/19/2020	ND	29.81	0.00	694.00
MW-23	723.81	10/26/2020	ND	29.78	0.00	694.03
MW-23	723.81	11/9/2020	ND	29.79	0.00	694.02
MW-23	723.81	11/18/2020	ND	29.82	0.00	693.99
MW-23	723.81	11/23/2020	ND	30.79	0.00	693.02
MW-23	723.81	12/7/2020	ND	29.73	0.00	694.08
MW-23	723.81	12/21/2020	ND	29.79	0.00	694.02
MW-23	723.81	12/26/2020	ND	28.10	0.00	695.71
MW-23	723.81	1/10/2021	ND	29.88	0.00	693.93
MW-23	723.81	1/19/2021	ND	29.57	0.00	694.24
MW-23	723.81	1/25/2021	ND	29.74	0.00	694.07
MW-23	723.81	2/1/2021	ND	29.76	0.00	694.05
MW-23	723.81	2/8/2021	ND	29.89	0.00	693.92
MW-23	723.81	2/16/2021	ND	29.80	0.00	694.01
MW-23	723.81	2/22/2021	ND	29.75	0.00	694.06
MW-23	723.74	3/4/2021	ND	29.74	0.00	694.00
MW-23	723.74	3/8/2021	ND	29.83	0.00	693.91
MW-23	723.74	3/15/2021	ND	29.74	0.00	694.00
MW-23	723.74	3/22/2021	ND	29.71	0.00	694.03
MW-23	723.74	4/1/2021	ND	29.65	0.00	694.09
MW-23	723.74	4/12/2021	ND	29.51	0.00	694.23
MW-23	723.74	4/19/2021	ND	29.30	0.00	694.44
MW-23	723.74	4/29/2021	ND	29.36	0.00	694.38
MW-23	723.74	5/3/2021	ND	29.34	0.00	694.40
MW-23	723.74	5/10/2021	ND	29.34	0.00	694.40
MW-23	723.74	5/18/2021	ND	29.41	0.00	694.33
MW-23	723.74	5/26/2021	ND	29.36	0.00	694.38
MW-23	723.74	5/31/2021	ND	29.45	0.00	694.29
MW-23	723.74	6/7/2021	ND	29.44	0.00	694.30
MW-23	723.74	6/14/2021	ND	29.40	0.00	694.34
MW-23	723.74	6/21/2021	ND	29.43	0.00	694.31
MW-23	723.74	7/1/2021	ND	29.56	0.00	694.18
MW-23	723.74	7/6/2021	ND	29.59	0.00	694.15
MW-23	723.74	7/14/2021	ND	29.67	0.00	694.07
MW-23	723.74	7/28/2021	ND	29.65	0.00	694.09
MW-23	723.74	8/2/2021	ND	29.77	0.00	693.97
MW-23	723.74	8/16/2021	ND	29.80	0.00	693.94

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-24	737.63	9/14/2020	44.36	46.69	2.33	692.65
MW-24	737.63	9/18/2020	43.71	48.36	4.65	692.67
MW-24	737.63	9/28/2020	41.54	54.21	12.67	692.70
MW-24	737.63	10/3/2020	41.54	55.61	14.07	692.32
MW-24	737.63	10/19/2020	41.72	55.25	13.53	692.29
MW-24	737.63	10/26/2020	41.26	55.45	14.19	692.57
MW-24	737.63	11/9/2020	42.63	52.83	10.20	692.27
MW-24	737.63	11/18/2020	ARP	ARP	ARP	ARP
MW-24	737.63	11/23/2020	ARP	ARP	ARP	ARP
MW-24	737.63	12/7/2020	ARP	ARP	ARP	ARP
MW-24	737.63	12/21/2020	ARP	ARP	ARP	ARP
MW-24	737.63	12/26/2020	43.01	56.43	13.42	691.03
MW-24	737.63	1/10/2021	ARP	ARP	ARP	ARP
MW-24	737.63	1/19/2021	ARP	ARP	ARP	ARP
MW-24	737.63	1/25/2021	ARP	ARP	ARP	ARP
MW-24	737.63	2/1/2021	43.68	56.60	12.92	690.49
MW-24	737.63	2/8/2021	ARP	ARP	ARP	ARP
MW-24	737.63	2/16/2021	ARP	ARP	ARP	ARP
MW-24	737.63	2/22/2021	ARP	ARP	ARP	ARP
MW-24	737.63	3/4/2021	44.03	55.90	11.87	690.42
MW-24	737.63	3/8/2021	ARP	ARP	ARP	ARP
MW-24	737.63	3/15/2021	ARP	ARP	ARP	ARP
MW-24	737.63	3/22/2021	ARP	ARP	ARP	ARP
MW-24	737.63	4/1/2021	44.91	54.37	9.46	690.19
MW-24	737.63	4/12/2021	ARP	ARP	ARP	ARP
MW-24	737.63	4/19/2021	ARP	ARP	ARP	ARP
MW-24	737.63	4/29/2021	44.92	54.26	9.34	690.21
MW-24	737.63	5/3/2021	ARP	ARP	ARP	ARP
MW-24	737.63	5/10/2021	ARP	ARP	ARP	ARP
MW-24	737.63	5/18/2021	ARP	ARP	ARP	ARP
MW-24	737.63	5/26/2021	45.19	53.94	8.75	690.10
MW-24	737.63	5/31/2021	ARP	ARP	ARP	ARP
MW-24	737.63	6/7/2021	ARP	ARP	ARP	ARP
MW-24	737.63	6/14/2021	ARP	ARP	ARP	ARP
MW-24	737.63	6/21/2021	ARP	ARP	ARP	ARP
MW-24	737.63	7/1/2021	45.11	55.71	10.60	689.68
MW-24	737.63	7/6/2021	ARP	ARP	ARP	ARP
MW-24	737.63	7/14/2021	45.85	53.75	7.90	689.67
MW-24	737.63	7/28/2021	46.21	53.56	7.35	689.45
MW-24	737.63	8/16/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-25	734.04	9/14/2020	ND	43.52	0.00	690.52
MW-25	734.04	9/18/2020	ND	43.48	0.00	690.56
MW-25	734.04	9/28/2020	ND	43.40	0.00	690.64
MW-25	734.04	10/3/2020	ND	43.49	0.00	690.55
MW-25	734.04	10/19/2020	ND	43.54	0.00	690.50
MW-25	734.04	10/21/2020	ND	45.54	0.00	688.50
MW-25	734.04	10/26/2020	ND	43.57	0.00	690.47
MW-25	734.04	11/9/2020	ND	43.61	0.00	690.43
MW-25	734.04	11/18/2020	ND	43.69	0.00	690.35
MW-25	734.04	11/23/2020	ND	44.71	0.00	689.33
MW-25	734.04	12/7/2020	ND	43.66	0.00	690.38
MW-25	734.04	12/21/2020	ND	43.85	0.00	690.19
MW-25	734.04	12/26/2020	ND	43.92	0.00	690.12
MW-25	734.04	1/10/2021	ND	44.16	0.00	689.88
MW-25	734.04	1/19/2021	ND	44.25	0.00	689.79
MW-25	734.04	1/25/2021	ND	44.29	0.00	689.75
MW-25	734.04	2/1/2021	ND	44.39	0.00	689.65
MW-25	734.04	2/8/2021	ND	44.66	0.00	689.38
MW-25	734.04	2/16/2021	ND	44.49	0.00	689.55
MW-25	734.04	2/22/2021	ND	44.39	0.00	689.65
MW-25	734.04	3/4/2021	ND	44.42	0.00	689.62
MW-25	734.04	3/8/2021	ND	44.57	0.00	689.47
MW-25	734.04	3/15/2021	ND	44.54	0.00	689.50
MW-25	734.04	3/22/2021	ND	44.53	0.00	689.51
MW-25	734.04	4/1/2021	ND	44.51	0.00	689.53
MW-25	734.04	4/12/2021	ND	44.43	0.00	689.61
MW-25	734.04	4/19/2021	ND	44.41	0.00	689.63
MW-25	734.04	4/29/2021	ND	44.40	0.00	689.64
MW-25	734.04	5/3/2021	ND	44.37	0.00	689.67
MW-25	734.04	5/10/2021	ND	44.45	0.00	689.59
MW-25	734.04	5/18/2021	ND	44.56	0.00	689.48
MW-25	734.04	5/26/2021	ND	44.54	0.00	689.50
MW-25	734.04	5/31/2021	ND	44.66	0.00	689.38
MW-25	734.04	6/7/2021	ND	44.73	0.00	689.31
MW-25	734.04	6/14/2021	ND	44.77	0.00	689.27
MW-25	734.04	6/21/2021	ND	44.83	0.00	689.21
MW-25	734.04	7/1/2021	ND	44.80	0.00	689.24
MW-25	734.04	7/6/2021	ND	44.97	0.00	689.07
MW-25	734.04	7/14/2021	ND	44.92	0.00	689.12
MW-25	734.04	7/28/2021	ND	45.47	0.00	688.57
MW-25	734.04	8/2/2021	ND	45.76	0.00	688.28
MW-25	734.04	8/16/2021	ND	46.02	0.00	688.02

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-26	717.71	9/14/2020	31.19	33.25	2.06	685.97
MW-26	717.71	9/18/2020	30.70	34.61	3.91	685.96
MW-26	717.71	9/28/2020	29.56	37.80	8.24	685.95
MW-26	717.71	10/3/2020	29.40	38.75	9.35	685.81
MW-26	717.71	10/19/2020	28.91	39.92	11.01	685.85
MW-26	717.71	10/21/2020	28.91	39.92	11.01	685.85
MW-26	717.71	10/26/2020	28.84	39.89	11.05	685.91
MW-26	717.71	11/9/2020	28.85	40.03	11.18	685.87
MW-26	717.71	11/18/2020	ARP	ARP	ARP	ARP
MW-26	717.71	11/23/2020	42.57	54.00	11.43	672.08
MW-26	717.71	12/7/2020	ARP	ARP	ARP	ARP
MW-26	717.71	12/21/2020	ARP	ARP	ARP	ARP
MW-26	717.71	12/26/2020	ARP	ARP	ARP	ARP
MW-26	717.71	1/10/2021	Dry	Dry	Dry	Dry
MW-26	717.71	1/19/2021	Dry	Dry	Dry	Dry
MW-26	717.71	1/25/2021	Dry	Dry	Dry	Dry
MW-26	717.71	2/1/2021	Dry	Dry	Dry	Dry
MW-26	717.71	2/8/2021	Dry	Dry	Dry	Dry
MW-26	717.71	2/16/2021	NM	NM	NM	NM
MW-26	717.71	2/22/2021	NM	NM	NM	NM
MW-26	717.71	3/4/2021	NM	NM	NM	NM
MW-26	717.71	3/8/2021	NM	NM	NM	NM
MW-26	717.71	3/15/2021	NM	NM	NM	NM
MW-26	717.71	3/22/2021	NM	NM	NM	NM
MW-26	717.71	4/1/2021	NM	NM	NM	NM
MW-26	717.71	4/12/2021	NM	NM	NM	NM
MW-26	717.71	4/19/2021	NM	NM	NM	NM
MW-26	717.71	4/29/2021	NM	NM	NM	NM
MW-26	717.71	5/3/2021	NM	NM	NM	NM
MW-26	717.71	5/10/2021	NM	NM	NM	NM
MW-26	717.71	5/18/2021	NM	NM	NM	NM
MW-26	717.71	5/26/2021	NM	NM	NM	NM
MW-26	717.71	5/31/2021	NM	NM	NM	NM
MW-26	717.71	6/7/2021	NM	NM	NM	NM
MW-26	717.71	6/14/2021	NM	NM	NM	NM
MW-26	717.71	6/21/2021	NM	NM	NM	NM
MW-26	717.71	7/1/2021	NM	NM	NM	NM
MW-26	717.71	7/6/2021	NM	NM	NM	NM
MW-26	717.71	7/14/2021	NM	NM	NM	NM
MW-26	718.71	7/28/2021	NM	NM	NM	NM
MW-26	718.71	8/2/2021	NM	NM	NM	NM
MW-26	718.71	8/16/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-27	716.19	9/14/2020	ND	33.27	0.00	682.92
MW-27	716.19	9/18/2020	ND	33.24	0.00	682.95
MW-27	716.19	9/28/2020	ND	33.18	0.00	683.01
MW-27	716.19	10/3/2020	ND	33.23	0.00	682.96
MW-27	716.19	10/19/2020	ND	33.24	0.00	682.95
MW-27	716.19	10/26/2020	ND	33.23	0.00	682.96
MW-27	716.19	11/9/2020	ND	33.21	0.00	682.98
MW-27	716.19	11/18/2020	ND	33.25	0.00	682.94
MW-27	716.19	11/23/2020	ND	33.19	0.00	683.00
MW-27	716.19	12/7/2020	ND	33.02	0.00	683.17
MW-27	716.19	12/21/2020	ND	33.15	0.00	683.04
MW-27	716.19	12/26/2020	ND	33.14	0.00	683.05
MW-27	716.19	1/10/2021	ND	33.25	0.00	682.94
MW-27	716.19	1/19/2021	ND	33.80	0.00	682.39
MW-27	716.19	1/25/2021	ND	34.01	0.00	682.18
MW-27	716.19	2/1/2021	ND	34.08	0.00	682.11
MW-27	716.19	2/8/2021	ND	34.29	0.00	681.90
MW-27	716.19	2/16/2021	ND	33.92	0.00	682.27
MW-27	716.19	2/22/2021	ND	33.62	0.00	682.57
MW-27	716.19	3/4/2021	ND	33.92	0.00	682.27
MW-27	716.19	3/8/2021	ND	33.53	0.00	682.66
MW-27	716.19	3/15/2021	ND	33.50	0.00	682.69
MW-27	716.19	3/22/2021	ND	33.49	0.00	682.70
MW-27	716.19	4/1/2021	ND	33.24	0.00	682.95
MW-27	716.19	4/12/2021	ND	33.29	0.00	682.90
MW-27	716.19	4/19/2021	ND	33.45	0.00	682.74
MW-27	716.19	4/29/2021	ND	33.43	0.00	682.76
MW-27	716.19	5/3/2021	ND	33.39	0.00	682.80
MW-27	716.19	5/10/2021	ND	32.52	0.00	683.67
MW-27	716.19	5/18/2021	ND	33.50	0.00	682.69
MW-27	716.19	5/26/2021	ND	33.58	0.00	682.61
MW-27	716.19	5/31/2021	ND	33.79	0.00	682.40
MW-27	716.19	6/7/2021	ND	34.00	0.00	682.19
MW-27	716.19	6/14/2021	ND	34.08	0.00	682.11
MW-27	716.19	6/21/2021	ND	34.19	0.00	682.00
MW-27	716.19	7/1/2021	ND	34.35	0.00	681.84
MW-27	716.19	7/6/2021	ND	34.54	0.00	681.65
MW-27	716.19	7/14/2021	ND	34.56	0.00	681.63
MW-27	716.19	7/28/2021	ND	35.06	0.00	681.13
MW-27	716.19	8/2/2021	ND	35.33	0.00	680.86
MW-27	716.19	8/16/2021	ND	35.86	0.00	680.33

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-28	720.45	9/14/2020	ND	29.37	0.00	691.08
MW-28	720.45	9/18/2020	ND	29.34	0.00	691.11
MW-28	720.45	9/28/2020	ND	29.32	0.00	691.13
MW-28	720.45	10/3/2020	ND	29.36	0.00	691.09
MW-28	720.45	10/19/2020	ND	29.33	0.00	691.12
MW-28	720.45	10/26/2020	ND	29.29	0.00	691.16
MW-28	720.45	11/9/2020	ND	29.25	0.00	691.20
MW-28	720.45	11/18/2020	ND	29.22	0.00	691.23
MW-28	720.45	11/23/2020	ND	29.19	0.00	691.26
MW-28	720.45	12/7/2020	ND	29.09	0.00	691.36
MW-28	720.45	12/21/2020	ND	29.03	0.00	691.42
MW-28	720.45	12/26/2020	ND	29.09	0.00	691.36
MW-28	720.45	1/10/2021	ND	29.02	0.00	691.43
MW-28	720.45	1/19/2021	ND	28.90	0.00	691.55
MW-28	720.45	1/25/2021	ND	28.84	0.00	691.61
MW-28	720.45	2/1/2021	ND	28.85	0.00	691.60
MW-28	720.45	2/8/2021	ND	28.91	0.00	691.54
MW-28	720.45	2/16/2021	ND	28.82	0.00	691.63
MW-28	720.45	2/22/2021	ND	28.76	0.00	691.69
MW-28	720.45	3/4/2021	ND	28.66	0.00	691.79
MW-28	720.45	3/8/2021	ND	28.70	0.00	691.75
MW-28	720.45	3/15/2021	ND	28.59	0.00	691.86
MW-28	720.45	3/22/2021	ND	28.51	0.00	691.94
MW-28	720.45	4/1/2021	ND	28.36	0.00	692.09
MW-28	720.45	4/12/2021	ND	28.18	0.00	692.27
MW-28	720.45	4/19/2021	ND	28.08	0.00	692.37
MW-28	720.45	4/29/2021	ND	27.97	0.00	692.48
MW-28	720.45	5/3/2021	ND	27.89	0.00	692.56
MW-28	720.45	5/10/2021	ND	27.87	0.00	692.58
MW-28	720.45	5/18/2021	ND	27.28	0.00	693.17
MW-28	720.45	5/26/2021	ND	27.87	0.00	692.58
MW-28	720.45	5/31/2021	ND	27.97	0.00	692.48
MW-28	720.45	6/7/2021	ND	27.97	0.00	692.48
MW-28	720.45	6/14/2021	ND	27.97	0.00	692.48
MW-28	720.45	6/21/2021	ND	26.07	0.00	694.38
MW-28	720.45	7/1/2021	ND	28.20	0.00	692.25
MW-28	720.45	7/6/2021	ND	28.29	0.00	692.16
MW-28	720.45	7/14/2021	ND	28.46	0.00	691.99
MW-28	720.45	7/28/2021	ND	28.56	0.00	691.89
MW-28	720.45	8/2/2021	ND	28.68	0.00	691.77
MW-28	720.45	8/16/2021	ND	28.89	0.00	691.56

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-29	718.73	9/14/2020	ND	29.71	0.00	689.02
MW-29	718.73	9/18/2020	ND	29.79	0.00	688.94
MW-29	718.73	9/28/2020	ND	29.86	0.00	688.87
MW-29	718.73	10/3/2020	ND	30.00	0.00	688.73
MW-29	718.73	10/19/2020	ND	30.10	0.00	688.63
MW-29	718.73	10/26/2020	ND	30.11	0.00	688.62
MW-29	718.73	11/9/2020	ND	30.07	0.00	688.66
MW-29	718.73	11/18/2020	ND	30.12	0.00	688.61
MW-29	718.73	11/23/2020	ND	30.05	0.00	688.68
MW-29	718.73	12/7/2020	ND	29.85	0.00	688.88
MW-29	718.73	12/21/2020	ND	29.91	0.00	688.82
MW-29	718.73	12/26/2020	ND	29.94	0.00	688.79
MW-29	718.73	1/10/2021	ND	29.87	0.00	688.86
MW-29	718.73	1/19/2021	ND	29.92	0.00	688.81
MW-29	718.73	1/25/2021	ND	29.84	0.00	688.89
MW-29	718.73	2/1/2021	ND	29.81	0.00	688.92
MW-29	718.73	2/8/2021	ND	30.09	0.00	688.64
MW-29	718.73	2/16/2021	ND	29.82	0.00	688.91
MW-29	718.73	2/22/2021	ND	29.68	0.00	689.05
MW-29	718.73	3/4/2021	ND	29.42	0.00	689.31
MW-29	718.73	3/8/2021	ND	29.59	0.00	689.14
MW-29	718.73	3/15/2021	ND	29.49	0.00	689.24
MW-29	718.73	3/22/2021	ND	29.39	0.00	689.34
MW-29	718.73	4/1/2021	ND	29.22	0.00	689.51
MW-29	718.73	4/12/2021	ND	28.98	0.00	689.75
MW-29	718.73	4/19/2021	ND	28.97	0.00	689.76
MW-29	718.73	4/29/2021	ND	28.96	0.00	689.77
MW-29	718.73	5/3/2021	ND	28.94	0.00	689.79
MW-29	718.73	5/10/2021	ND	29.09	0.00	689.64
MW-29	718.73	5/18/2021	ND	29.12	0.00	689.61
MW-29	718.73	5/26/2021	ND	29.14	0.00	689.59
MW-29	718.73	5/31/2021	ND	29.34	0.00	689.39
MW-29	718.73	6/7/2021	ND	29.42	0.00	689.31
MW-29	718.73	6/14/2021	ND	29.51	0.00	689.22
MW-29	718.73	6/21/2021	ND	29.68	0.00	689.05
MW-29	718.73	7/1/2021	ND	29.83	0.00	688.90
MW-29	718.73	7/6/2021	ND	30.11	0.00	688.62
MW-29	718.73	7/14/2021	ND	30.24	0.00	688.49
MW-29	718.73	7/28/2021	ND	30.86	0.00	687.87
MW-29	718.73	8/2/2021	ND	31.23	0.00	687.50
MW-29	718.73	8/16/2021	ND	31.60	0.00	687.13

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-30	715.08	9/14/2020	ND	30.59	0.00	684.49
MW-30	715.08	9/18/2020	ND	30.59	0.00	684.49
MW-30	715.08	9/28/2020	ND	30.50	0.00	684.58
MW-30	715.08	10/3/2020	ND	30.54	0.00	684.54
MW-30	715.08	10/19/2020	ND	30.32	0.00	684.76
MW-30	715.08	10/26/2020	ND	30.21	0.00	684.87
MW-30	715.08	11/9/2020	ND	30.02	0.00	685.06
MW-30	715.08	11/18/2020	ND	29.94	0.00	685.14
MW-30	715.08	11/23/2020	ND	29.89	0.00	685.19
MW-30	715.08	12/7/2020	ND	29.57	0.00	685.51
MW-30	715.08	12/21/2020	ND	29.43	0.00	685.65
MW-30	715.08	12/26/2020	ND	29.42	0.00	685.66
MW-30	715.08	1/10/2021	ND	29.13	0.00	685.95
MW-30	715.08	1/19/2021	ND	29.00	0.00	686.08
MW-30	715.08	1/25/2021	ND	28.83	0.00	686.25
MW-30	715.08	2/1/2021	ND	28.73	0.00	686.35
MW-30	715.08	2/8/2021	ND	28.82	0.00	686.26
MW-30	715.08	2/16/2021	ND	28.54	0.00	686.54
MW-30	715.08	2/22/2021	ND	28.30	0.00	686.78
MW-30	715.08	3/4/2021	ND	28.05	0.00	687.03
MW-30	715.08	3/8/2021	ND	28.18	0.00	686.90
MW-30	715.08	3/15/2021	ND	28.03	0.00	687.05
MW-30	715.08	3/22/2021	ND	27.86	0.00	687.22
MW-30	715.08	4/1/2021	ND	27.62	0.00	687.46
MW-30	715.08	4/12/2021	ND	27.25	0.00	687.83
MW-30	715.08	4/19/2021	ND	27.25	0.00	687.83
MW-30	715.08	4/29/2021	ND	27.22	0.00	687.86
MW-30	715.08	5/3/2021	ND	27.23	0.00	687.85
MW-30	715.08	5/10/2021	ND	27.31	0.00	687.77
MW-30	715.08	5/18/2021	ND	27.53	0.00	687.55
MW-30	715.08	5/26/2021	ND	27.68	0.00	687.40
MW-30	715.08	5/31/2021	ND	27.94	0.00	687.14
MW-30	715.08	6/7/2021	ND	28.04	0.00	687.04
MW-30	715.08	6/14/2021	ND	28.16	0.00	686.92
MW-30	715.08	6/21/2021	ND	28.35	0.00	686.73
MW-30	715.08	7/1/2021	ND	28.57	0.00	686.51
MW-30	715.08	7/6/2021	ND	28.78	0.00	686.30
MW-30	715.08	7/14/2021	ND	28.94	0.00	686.14
MW-30	715.08	7/28/2021	ND	29.25	0.00	685.83
MW-30	715.08	8/2/2021	ND	29.45	0.00	685.63
MW-30	715.08	8/16/2021	ND	29.85	0.00	685.23

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-31	721.45	9/14/2020	ND	26.39	0.00	695.06
MW-31	721.45	9/18/2020	ND	27.69	0.00	693.76
MW-31	721.45	9/28/2020	ND	27.64	0.00	693.81
MW-31	721.45	10/3/2020	ND	27.69	0.00	693.76
MW-31	721.45	10/19/2020	ND	27.62	0.00	693.83
MW-31	721.45	10/21/2020	ND	29.62	0.00	691.83
MW-31	721.45	10/26/2020	ND	27.61	0.00	693.84
MW-31	721.45	11/9/2020	ND	27.61	0.00	693.84
MW-31	721.45	11/18/2020	ND	27.61	0.00	693.84
MW-31	721.45	11/23/2020	ND	27.56	0.00	693.89
MW-31	721.45	12/7/2020	ND	27.49	0.00	693.96
MW-31	721.45	12/21/2020	ND	27.53	0.00	693.92
MW-31	721.45	12/26/2020	ND	27.61	0.00	693.84
MW-31	721.45	1/10/2021	ND	27.58	0.00	693.87
MW-31	721.45	1/19/2021	ND	27.54	0.00	693.91
MW-31	721.45	1/25/2021	ND	27.40	0.00	694.05
MW-31	721.45	2/1/2021	ND	27.43	0.00	694.02
MW-31	721.45	2/8/2021	ND	27.52	0.00	693.93
MW-31	721.45	2/16/2021	ND	27.44	0.00	694.01
MW-31	721.45	2/22/2021	ND	27.34	0.00	694.11
MW-31	721.45	3/4/2021	ND	27.28	0.00	694.17
MW-31	721.45	3/8/2021	ND	27.34	0.00	694.11
MW-31	721.45	3/15/2021	ND	27.28	0.00	694.17
MW-31	721.45	3/22/2021	ND	27.24	0.00	694.21
MW-31	721.45	4/1/2021	ND	27.11	0.00	694.34
MW-31	721.45	4/12/2021	ND	26.97	0.00	694.48
MW-31	721.45	4/19/2021	ND	27.91	0.00	693.54
MW-31	721.45	4/29/2021	ND	26.85	0.00	694.60
MW-31	721.45	5/3/2021	ND	26.84	0.00	694.61
MW-31	721.45	5/10/2021	ND	26.83	0.00	694.62
MW-31	721.45	5/18/2021	ND	26.88	0.00	694.57
MW-31	721.45	5/26/2021	ND	26.85	0.00	694.60
MW-31	721.45	5/31/2021	ND	26.94	0.00	694.51
MW-31	721.45	6/7/2021	ND	26.90	0.00	694.55
MW-31	721.45	6/14/2021	ND	26.92	0.00	694.53
MW-31	721.45	6/21/2021	ND	26.95	0.00	694.50
MW-31	721.45	7/1/2021	ND	26.98	0.00	694.47
MW-31	721.45	7/6/2021	ND	27.06	0.00	694.39
MW-31	721.45	7/14/2021	ND	27.16	0.00	694.29
MW-31	721.45	7/28/2021	ND	27.09	0.00	694.36
MW-31	721.45	8/2/2021	ND	27.17	0.00	694.28
MW-31	721.45	8/16/2021	ND	27.24	0.00	694.21

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-32	691.78	9/14/2020	ND	16.19	0.00	675.59
MW-32	691.78	9/18/2020	ND	16.06	0.00	675.72
MW-32	691.78	9/28/2020	ND	15.63	0.00	676.15
MW-32	691.78	10/3/2020	ND	15.73	0.00	676.05
MW-32	691.78	10/19/2020	ND	15.09	0.00	676.69
MW-32	691.78	10/26/2020	ND	14.98	0.00	676.80
MW-32	691.78	11/9/2020	ND	14.57	0.00	677.21
MW-32	691.78	11/18/2020	ND	14.38	0.00	677.40
MW-32	691.78	11/23/2020	ND	14.11	0.00	677.67
MW-32	691.78	12/7/2020	ND	13.60	0.00	678.18
MW-32	691.78	12/21/2020	ND	13.31	0.00	678.47
MW-32	691.78	12/26/2020	ND	13.47	0.00	678.31
MW-32	691.78	1/10/2021	ND	13.21	0.00	678.57
MW-32	691.78	1/19/2021	ND	13.16	0.00	678.62
MW-32	691.78	1/25/2021	ND	12.82	0.00	678.96
MW-32	691.78	2/1/2021	ND	12.35	0.00	679.43
MW-32	691.78	2/8/2021	ND	12.72	0.00	679.06
MW-32	691.78	2/16/2021	ND	11.97	0.00	679.81
MW-32	691.78	2/22/2021	ND	11.70	0.00	680.08
MW-32	691.78	3/4/2021	ND	11.47	0.00	680.31
MW-32	691.78	3/8/2021	ND	11.84	0.00	679.94
MW-32	691.78	3/15/2021	ND	11.67	0.00	680.11
MW-32	691.78	3/22/2021	ND	11.22	0.00	680.56
MW-32	691.78	4/1/2021	ND	10.69	0.00	681.09
MW-32	691.78	4/12/2021	ND	10.61	0.00	681.17
MW-32	691.78	4/19/2021	ND	10.83	0.00	680.95
MW-32	691.78	4/29/2021	ND	11.14	0.00	680.64
MW-32	691.78	5/3/2021	ND	11.30	0.00	680.48
MW-32	691.78	5/10/2021	ND	11.65	0.00	680.13
MW-32	691.78	5/18/2021	ND	12.14	0.00	679.64
MW-32	691.78	5/26/2021	ND	12.59	0.00	679.19
MW-32	691.78	5/31/2021	ND	13.08	0.00	678.70
MW-32	691.78	6/7/2021	ND	13.29	0.00	678.49
MW-32	691.78	6/14/2021	ND	13.14	0.00	678.64
MW-32	691.78	6/21/2021	ND	13.45	0.00	678.33
MW-32	691.78	7/1/2021	ND	13.70	0.00	678.08
MW-32	691.78	7/6/2021	ND	14.03	0.00	677.75
MW-32	691.78	7/14/2021	ND	14.30	0.00	677.48
MW-32	691.78	7/28/2021	ND	14.22	0.00	677.56
MW-32	691.78	8/2/2021	ND	14.56	0.00	677.22
MW-32	691.78	8/16/2021	ND	15.14	0.00	676.64

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-33	686.70	9/14/2020	ND	13.20	0.00	673.50
MW-33	686.70	9/18/2020	ND	13.03	0.00	673.67
MW-33	686.70	9/28/2020	ND	12.63	0.00	674.07
MW-33	686.70	10/3/2020	ND	12.76	0.00	673.94
MW-33	686.70	10/19/2020	ND	12.12	0.00	674.58
MW-33	686.70	10/26/2020	ND	12.03	0.00	674.67
MW-33	686.70	11/9/2020	ND	11.58	0.00	675.12
MW-33	686.70	11/18/2020	ND	11.30	0.00	675.40
MW-33	686.70	11/23/2020	ND	11.13	0.00	675.57
MW-33	686.70	12/7/2020	ND	10.53	0.00	676.17
MW-33	686.70	12/21/2020	ND	10.18	0.00	676.52
MW-33	686.70	12/26/2020	ND	10.23	0.00	676.47
MW-33	686.70	1/10/2021	ND	9.99	0.00	676.71
MW-33	686.70	1/19/2021	ND	10.02	0.00	676.68
MW-33	686.70	1/25/2021	ND	9.77	0.00	676.93
MW-33	686.70	2/1/2021	ND	9.15	0.00	677.55
MW-33	686.70	2/8/2021	ND	9.49	0.00	677.21
MW-33	686.70	2/16/2021	ND	8.61	0.00	678.09
MW-33	686.70	2/22/2021	ND	8.36	0.00	678.34
MW-33	686.70	3/4/2021	ND	8.19	0.00	678.51
MW-33	686.70	3/8/2021	ND	8.65	0.00	678.05
MW-33	686.70	3/15/2021	ND	8.62	0.00	678.08
MW-33	686.70	3/22/2021	ND	8.00	0.00	678.70
MW-33	686.70	4/1/2021	ND	7.40	0.00	679.30
MW-33	686.70	4/12/2021	ND	7.66	0.00	679.04
MW-33	686.70	4/19/2021	ND	8.03	0.00	678.67
MW-33	686.70	4/29/2021	ND	8.42	0.00	678.28
MW-33	686.70	5/3/2021	ND	8.61	0.00	678.09
MW-33	686.70	5/10/2021	ND	8.98	0.00	677.72
MW-33	686.70	5/18/2021	ND	9.45	0.00	677.25
MW-33	686.70	5/26/2021	ND	10.04	0.00	676.66
MW-33	686.70	5/31/2021	ND	10.53	0.00	676.17
MW-33	686.70	6/7/2021	ND	10.66	0.00	676.04
MW-33	686.70	6/14/2021	ND	10.51	0.00	676.19
MW-33	686.70	6/21/2021	ND	10.80	0.00	675.90
MW-33	686.70	7/1/2021	ND	11.15	0.00	675.55
MW-33	686.70	7/6/2021	ND	11.51	0.00	675.19
MW-33	686.70	7/14/2021	ND	11.90	0.00	674.80
MW-33	686.70	7/28/2021	ND	11.62	0.00	675.08
MW-33	686.70	8/2/2021	ND	12.03	0.00	674.67
MW-33	686.70	8/16/2021	ND	12.59	0.00	674.11

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-34	683.89	9/14/2020	ND	10.89	0.00	673.00
MW-34	683.89	9/18/2020	ND	10.60	0.00	673.29
MW-34	683.89	9/28/2020	ND	10.25	0.00	673.64
MW-34	683.89	10/3/2020	ND	10.47	0.00	673.42
MW-34	683.89	10/19/2020	ND	9.77	0.00	674.12
MW-34	683.89	10/21/2020	ND	11.77	0.00	672.12
MW-34	683.89	10/26/2020	ND	9.70	0.00	674.19
MW-34	683.89	11/9/2020	ND	9.18	0.00	674.71
MW-34	683.89	11/18/2020	ND	8.93	0.00	674.96
MW-34	683.89	11/23/2020	ND	8.75	0.00	675.14
MW-34	683.89	12/7/2020	ND	8.10	0.00	675.79
MW-34	683.89	12/21/2020	ND	7.74	0.00	676.15
MW-34	683.89	12/26/2020	ND	7.80	0.00	676.09
MW-34	683.89	1/10/2021	ND	7.61	0.00	676.28
MW-34	683.89	1/19/2021	ND	7.69	0.00	676.20
MW-34	683.89	1/25/2021	ND	7.44	0.00	676.45
MW-34	683.89	2/1/2021	ND	6.71	0.00	677.18
MW-34	683.89	2/8/2021	ND	7.06	0.00	676.83
MW-34	683.89	2/16/2021	ND	6.17	0.00	677.72
MW-34	683.89	2/22/2021	ND	5.95	0.00	677.94
MW-34	683.89	3/4/2021	ND	5.85	0.00	678.04
MW-34	683.89	3/8/2021	ND	6.32	0.00	677.57
MW-34	683.89	3/15/2021	ND	6.32	0.00	677.57
MW-34	683.89	3/22/2021	ND	5.63	0.00	678.26
MW-34	683.89	4/1/2021	ND	5.04	0.00	678.85
MW-34	683.89	4/12/2021	ND	5.39	0.00	678.50
MW-34	683.89	4/19/2021	ND	5.75	0.00	678.14
MW-34	683.89	4/29/2021	ND	6.20	0.00	677.69
MW-34	683.89	5/3/2021	ND	6.34	0.00	677.55
MW-34	683.89	5/10/2021	ND	6.77	0.00	677.12
MW-34	683.89	5/18/2021	ND	7.24	0.00	676.65
MW-34	683.89	5/26/2021	ND	7.88	0.00	676.01
MW-34	683.89	5/31/2021	ND	8.31	0.00	675.58
MW-34	683.89	6/7/2021	ND	8.46	0.00	675.43
MW-34	683.89	6/14/2021	ND	8.24	0.00	675.65
MW-34	683.89	6/21/2021	ND	8.53	0.00	675.36
MW-34	683.89	7/1/2021	ND	8.96	0.00	674.93
MW-34	683.89	7/6/2021	ND	9.27	0.00	674.62
MW-34	683.89	7/14/2021	ND	9.82	0.00	674.07
MW-34	683.89	7/28/2021	ND	9.37	0.00	674.52
MW-34	683.89	8/2/2021	ND	9.87	0.00	674.02
MW-34	683.89	8/16/2021	ND	10.34	0.00	673.55

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-35	707.14	9/14/2020	ND	26.78	0.00	680.36
MW-35	707.14	9/18/2020	ND	26.78	0.00	680.36
MW-35	707.14	9/28/2020	ND	26.52	0.00	680.62
MW-35	707.14	10/3/2020	ND	26.48	0.00	680.66
MW-35	707.14	10/19/2020	ND	25.90	0.00	681.24
MW-35	707.14	10/26/2020	ND	25.76	0.00	681.38
MW-35	707.14	11/9/2020	ND	25.48	0.00	681.66
MW-35	707.14	11/18/2020	ND	25.11	0.00	682.03
MW-35	707.14	11/23/2020	ND	25.00	0.00	682.14
MW-35	707.14	12/7/2020	ND	24.62	0.00	682.52
MW-35	707.14	12/21/2020	ND	24.35	0.00	682.79
MW-35	707.14	12/26/2020	ND	24.15	0.00	682.99
MW-35	707.14	1/10/2021	ND	23.81	0.00	683.33
MW-35	707.14	1/19/2021	ND	23.70	0.00	683.44
MW-35	707.14	1/25/2021	ND	23.54	0.00	683.60
MW-35	707.14	2/1/2021	ND	23.32	0.00	683.82
MW-35	707.14	2/8/2021	ND	23.25	0.00	683.89
MW-35	707.14	2/16/2021	ND	22.71	0.00	684.43
MW-35	707.14	2/22/2021	ND	22.16	0.00	684.98
MW-35	707.14	3/4/2021	ND	21.80	0.00	685.34
MW-35	707.14	3/8/2021	ND	21.96	0.00	685.18
MW-35	707.14	3/15/2021	ND	21.98	0.00	685.16
MW-35	707.14	3/22/2021	ND	21.55	0.00	685.59
MW-35	707.14	4/1/2021	ND	20.83	0.00	686.31
MW-35	707.14	4/12/2021	ND	20.75	0.00	686.39
MW-35	707.14	4/19/2021	ND	21.08	0.00	686.06
MW-35	707.14	4/29/2021	ND	21.53	0.00	685.61
MW-35	707.14	5/3/2021	ND	21.68	0.00	685.46
MW-35	707.14	5/10/2021	ND	22.05	0.00	685.09
MW-35	707.14	5/18/2021	ND	22.42	0.00	684.72
MW-35	707.14	5/26/2021	ND	22.79	0.00	684.35
MW-35	707.14	5/31/2021	ND	23.13	0.00	684.01
MW-35	707.14	6/7/2021	ND	23.43	0.00	683.71
MW-35	707.14	6/14/2021	ND	23.64	0.00	683.50
MW-35	707.14	6/21/2021	ND	23.95	0.00	683.19
MW-35	707.14	7/1/2021	ND	24.30	0.00	682.84
MW-35	707.14	7/6/2021	ND	24.51	0.00	682.63
MW-35	707.14	7/14/2021	ND	24.76	0.00	682.38
MW-35	707.14	7/28/2021	ND	25.09	0.00	682.05
MW-35	707.14	8/2/2021	ND	25.34	0.00	681.80
MW-35	707.14	8/16/2021	ND	25.96	0.00	681.18

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-36	710.54	9/14/2020	ND	28.62	0.00	681.92
MW-36	710.54	9/18/2020	ND	28.61	0.00	681.93
MW-36	710.54	9/28/2020	ND	28.35	0.00	682.19
MW-36	710.54	10/3/2020	ND	28.31	0.00	682.23
MW-36	710.54	10/19/2020	ND	27.73	0.00	682.81
MW-36	710.54	10/26/2020	ND	27.64	0.00	682.90
MW-36	710.54	11/9/2020	ND	27.44	0.00	683.10
MW-36	710.54	11/18/2020	ND	27.05	0.00	683.49
MW-36	710.54	11/23/2020	ND	26.92	0.00	683.62
MW-36	710.54	12/7/2020	ND	26.57	0.00	683.97
MW-36	710.54	12/21/2020	ND	26.29	0.00	684.25
MW-36	710.54	12/26/2020	ND	26.13	0.00	684.41
MW-36	710.54	1/10/2021	ND	25.82	0.00	684.72
MW-36	710.54	1/19/2021	ND	25.68	0.00	684.86
MW-36	710.54	1/25/2021	ND	25.56	0.00	684.98
MW-36	710.54	2/1/2021	ND	25.31	0.00	685.23
MW-36	710.54	2/8/2021	ND	25.21	0.00	685.33
MW-36	710.54	2/16/2021	ND	24.60	0.00	685.94
MW-36	710.54	2/22/2021	ND	23.99	0.00	686.55
MW-36	710.54	3/4/2021	ND	23.70	0.00	686.84
MW-36	710.54	3/8/2021	ND	23.93	0.00	686.61
MW-36	710.54	3/11/2021	ND	23.94	0.00	686.60
MW-36	710.54	3/15/2021	ND	23.99	0.00	686.55
MW-36	710.54	3/22/2021	ND	23.46	0.00	687.08
MW-36	710.54	4/1/2021	ND	22.66	0.00	687.88
MW-36	710.54	4/12/2021	ND	22.85	0.00	687.69
MW-36	710.54	4/19/2021	ND	23.27	0.00	687.27
MW-36	710.54	4/29/2021	ND	23.87	0.00	686.67
MW-36	710.54	5/3/2021	ND	24.04	0.00	686.50
MW-36	710.54	5/10/2021	ND	24.45	0.00	686.09
MW-36	710.54	5/18/2021	ND	24.81	0.00	685.73
MW-36	710.54	5/26/2021	ND	25.09	0.00	685.45
MW-36	710.54	5/31/2021	ND	25.45	0.00	685.09
MW-36	710.54	6/7/2021	ND	25.75	0.00	684.79
MW-36	710.54	6/14/2021	ND	25.97	0.00	684.57
MW-36	710.54	6/21/2021	ND	26.29	0.00	684.25
MW-36	710.54	7/1/2021	ND	26.58	0.00	683.96
MW-36	710.54	7/6/2021	ND	26.79	0.00	683.75
MW-36	710.54	7/14/2021	ND	27.00	0.00	683.54
MW-36	710.54	7/28/2021	ND	21.79	0.00	688.75
MW-36	710.54	8/2/2021	ND	27.72	0.00	682.82
MW-36	710.54	8/16/2021	ND	28.35	0.00	682.19

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-37	714.94	9/14/2020	ND	26.90	0.00	688.04
MW-37	714.94	9/18/2020	ND	26.92	0.00	688.02
MW-37	714.94	9/28/2020	ND	26.99	0.00	687.95
MW-37	714.94	10/3/2020	ND	27.14	0.00	687.80
MW-37	714.94	10/19/2020	ND	27.18	0.00	687.76
MW-37	714.94	10/26/2020	ND	27.21	0.00	687.73
MW-37	714.94	11/9/2020	ND	27.16	0.00	687.78
MW-37	714.94	11/18/2020	ND	27.18	0.00	687.76
MW-37	714.94	11/23/2020	ND	27.12	0.00	687.82
MW-37	714.94	12/7/2020	ND	26.90	0.00	688.04
MW-37	714.94	12/21/2020	ND	26.85	0.00	688.09
MW-37	714.94	12/26/2020	ND	26.89	0.00	688.05
MW-37	714.94	1/10/2021	ND	26.69	0.00	688.25
MW-37	714.94	1/19/2021	ND	26.61	0.00	688.33
MW-37	714.94	1/25/2021	26.38	26.60	0.22	688.50
MW-37	714.94	2/1/2021	26.08	26.99	0.91	688.62
MW-37	714.94	2/8/2021	25.74	28.73	2.99	688.40
MW-37	714.94	2/16/2021	24.25	31.24	6.99	688.82
MW-37	710.54	2/22/2021	ND	26.35	0.00	684.19
MW-37	710.54	3/4/2021	ARP	ARP	ARP	ARP
MW-37	710.54	3/8/2021	ARP	ARP	ARP	ARP
MW-37	710.54	3/15/2021	ARP	ARP	ARP	ARP
MW-37	710.54	3/22/2021	ARP	ARP	ARP	ARP
MW-37	710.54	4/1/2021	24.38	25.77	1.39	685.79
MW-37	714.37	4/12/2021	ARP	ARP	ARP	ARP
MW-37	714.37	4/19/2021	ARP	ARP	ARP	ARP
MW-37	714.37	4/29/2021	24.44	25.77	1.33	689.57
MW-37	714.37	5/3/2021	ARP	ARP	ARP	ARP
MW-37	714.37	5/10/2021	ARP	ARP	ARP	ARP
MW-37	714.37	5/18/2021	ARP	ARP	ARP	ARP
MW-37	714.37	5/26/2021	25.14	26.43	1.29	688.88
MW-37	714.37	5/31/2021	ARP	ARP	ARP	ARP
MW-37	714.37	6/7/2021	ARP	ARP	ARP	ARP
MW-37	714.37	6/14/2021	ARP	ARP	ARP	ARP
MW-37	714.37	6/21/2021	ARP	ARP	ARP	ARP
MW-37	714.37	7/1/2021	25.99	27.81	1.82	687.89
MW-37	714.37	7/6/2021	ARP	ARP	ARP	ARP
MW-37	714.37	7/14/2021	26.39	28.16	1.77	687.51
MW-37	714.37	7/28/2021	26.84	28.87	2.03	686.99
MW-37	714.37	8/16/2021	ARP	ARP	ARP	ARP

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-38	726.74	9/14/2020	ND	37.56	0.00	689.18
MW-38	726.74	9/18/2020	ND	37.66	0.00	689.08
MW-38	726.74	9/28/2020	ND	37.45	0.00	689.29
MW-38	726.74	10/3/2020	ND	37.55	0.00	689.19
MW-38	726.74	10/19/2020	ND	37.65	0.00	689.09
MW-38	726.74	10/26/2020	ND	37.71	0.00	689.03
MW-38	726.74	11/9/2020	ND	37.80	0.00	688.94
MW-38	726.74	11/18/2020	ND	37.90	0.00	688.84
MW-38	726.74	11/23/2020	ND	37.91	0.00	688.83
MW-38	726.74	12/7/2020	ND	37.87	0.00	688.87
MW-38	726.74	12/21/2020	ND	38.18	0.00	688.56
MW-38	726.74	12/26/2020	ND	38.23	0.00	688.51
MW-38	726.74	1/10/2021	ND	38.54	0.00	688.20
MW-38	726.74	1/19/2021	ND	39.13	0.00	687.61
MW-38	726.74	1/25/2021	ND	39.23	0.00	687.51
MW-38	726.74	2/1/2021	ND	39.28	0.00	687.46
MW-38	726.74	2/8/2021	ND	39.65	0.00	687.09
MW-38	726.74	2/16/2021	ND	39.38	0.00	687.36
MW-38	726.74	2/22/2021	ND	39.31	0.00	687.43
MW-38	726.74	3/4/2021	ND	39.06	0.00	687.68
MW-38	726.74	3/8/2021	ND	39.23	0.00	687.51
MW-38	726.74	3/15/2021	ND	39.27	0.00	687.47
MW-38	726.74	3/22/2021	ND	39.21	0.00	687.53
MW-38	726.74	4/1/2021	ND	39.08	0.00	687.66
MW-38	726.74	4/12/2021	ND	39.10	0.00	687.64
MW-38	726.74	4/19/2021	ND	39.11	0.00	687.63
MW-38	726.74	4/29/2021	ND	39.01	0.00	687.73
MW-38	726.74	5/3/2021	ND	39.16	0.00	687.58
MW-38	726.74	5/10/2021	ND	39.07	0.00	687.67
MW-38	726.74	5/18/2021	ND	39.40	0.00	687.34
MW-38	726.74	5/26/2021	ND	39.11	0.00	687.63
MW-38	726.74	5/31/2021	ND	39.40	0.00	687.34
MW-38	726.74	6/7/2021	ND	39.53	0.00	687.21
MW-38	726.74	6/14/2021	ND	39.69	0.00	687.05
MW-38	726.74	6/21/2021	ND	39.75	0.00	686.99
MW-38	726.74	7/1/2021	ND	39.49	0.00	687.25
MW-38	726.74	7/6/2021	ND	39.82	0.00	686.92
MW-38	726.74	7/14/2021	ND	39.95	0.00	686.79
MW-38	726.74	7/28/2021	ND	40.37	0.00	686.37
MW-38	726.74	8/2/2021	ND	41.05	0.00	685.69
MW-38	726.74	8/16/2021	ND	41.30	0.00	685.44

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-39	738.13	9/14/2020	ND	41.90	0.00	696.23
MW-39	738.13	9/18/2020	ND	38.31	0.00	699.82
MW-39	738.13	9/28/2020	ND	38.33	0.00	699.80
MW-39	738.13	10/3/2020	ND	38.58	0.00	699.55
MW-39	738.13	10/19/2020	38.51	39.71	1.20	699.30
MW-39	738.13	11/9/2020	38.48	39.04	0.56	699.50
MW-39	738.13	11/18/2020	ARP	ARP	ARP	ARP
MW-39	738.13	11/23/2020	37.85	38.95	1.10	699.98
MW-39	738.13	12/7/2020	ARP	ARP	ARP	ARP
MW-39	738.13	12/21/2020	ARP	ARP	ARP	ARP
MW-39	738.13	12/26/2020	30.20	30.31	0.11	707.90
MW-39	738.13	1/10/2021	ARP	ARP	ARP	ARP
MW-39	738.13	1/19/2021	ARP	ARP	ARP	ARP
MW-39	738.13	1/25/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/1/2021	39.66	39.95	0.29	698.39
MW-39	738.13	2/8/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/16/2021	ARP	ARP	ARP	ARP
MW-39	738.13	2/22/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/4/2021	ND	40.02	0.00	698.11
MW-39	738.13	3/8/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/15/2021	ARP	ARP	ARP	ARP
MW-39	738.13	3/22/2021	ARP	ARP	ARP	ARP
MW-39	733.86	4/1/2021	40.24	40.97	0.73	693.42
MW-39	733.86	4/12/2021	ARP	ARP	ARP	ARP
MW-39	733.86	4/19/2021	ARP	ARP	ARP	ARP
MW-39	733.86	4/29/2021	40.15	40.18	0.03	693.70
MW-39	733.86	5/3/2021	ARP	ARP	ARP	ARP
MW-39	733.86	5/10/2021	ARP	ARP	ARP	ARP
MW-39	733.86	5/18/2021	ARP	ARP	ARP	ARP
MW-39	733.86	5/26/2021	40.79	40.82	0.03	693.06
MW-39	733.86	5/31/2021	ARP	ARP	ARP	ARP
MW-39	733.86	6/7/2021	ARP	ARP	ARP	ARP
MW-39	733.86	6/14/2021	ARP	ARP	ARP	ARP
MW-39	733.86	6/21/2021	ARP	ARP	ARP	ARP
MW-39	733.86	7/1/2021	41.60	42.15	0.55	692.11
MW-39	733.86	7/6/2021	ARP	ARP	ARP	ARP
MW-39	733.86	7/14/2021	41.95	42.81	0.86	691.68
MW-39	733.86	7/28/2021	42.15	42.50	0.35	691.62
MW-39	733.86	8/16/2021	ARP	ARP	ARP	ARP

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-40	728.92	9/14/2020	ND	33.25	0.00	695.67
MW-40	728.92	9/18/2020	ND	33.21	0.00	695.71
MW-40	728.92	9/28/2020	ND	33.15	0.00	695.77
MW-40	728.92	10/3/2020	ND	33.22	0.00	695.70
MW-40	728.92	10/19/2020	ND	33.27	0.00	695.65
MW-40	728.92	10/26/2020	ND	33.32	0.00	695.60
MW-40	728.92	10/28/2020	ND	35.32	0.00	693.60
MW-40	728.92	11/9/2020	ND	33.47	0.00	695.45
MW-40	728.92	11/18/2020	Dry	Dry	Dry	Dry
MW-40	728.92	11/23/2020	ND	34.57	0.00	694.35
MW-40	728.92	12/7/2020	ND	33.56	0.00	695.36
MW-40	728.92	12/21/2020	33.70	33.73	0.03	695.21
MW-40	728.92	12/26/2020	ND	33.85	0.00	695.07
MW-40	728.92	1/10/2021	ND	33.95	0.00	694.97
MW-40	728.92	1/19/2021	33.73	34.36	0.63	695.02
MW-40	728.92	1/25/2021	33.61	34.59	0.98	695.05
MW-40	728.92	2/1/2021	33.48	34.99	1.51	695.04
MW-40	728.92	2/8/2021	33.64	35.78	2.14	694.71
MW-40	728.92	2/16/2021	33.27	36.12	2.85	694.89
MW-40	728.92	2/22/2021	32.90	37.31	4.41	694.84
MW-40	728.92	3/4/2021	32.26	39.39	7.13	694.75
MW-40	728.92	3/8/2021	32.45	39.64	7.19	694.55
MW-40	728.92	3/11/2021	33.51	39.18	5.67	693.89
MW-40	728.92	3/15/2021	32.43	39.48	7.05	694.60
MW-40	728.92	3/22/2021	32.39	39.42	7.03	694.65
MW-40	728.92	4/1/2021	32.37	39.43	7.06	694.66
MW-40	728.92	4/12/2021	32.12	38.05	5.93	695.21
MW-40	728.92	4/19/2021	32.04	38.90	6.86	695.04
MW-40	728.92	4/29/2021	32.47	37.64	5.17	695.07
MW-40	728.92	5/3/2021	32.52	37.45	4.93	695.08
MW-40	728.92	5/10/2021	33.31	38.25	4.94	694.29
MW-40	728.92	5/18/2021	34.95	37.32	2.37	693.34
MW-40	728.92	5/26/2021	33.59	35.98	2.39	694.69
MW-40	728.92	5/31/2021	35.38	36.37	0.99	693.28
MW-40	728.92	6/7/2021	35.72	36.48	0.76	693.00
MW-40	728.92	6/14/2021	35.76	36.20	0.44	693.04
MW-40	728.92	6/21/2021	33.89	35.23	1.34	694.67
MW-40	728.92	7/1/2021	34.31	35.30	0.99	694.35
MW-40	728.92	7/6/2021	36.24	36.85	0.61	692.52
MW-40	728.92	7/14/2021	34.42	35.84	1.42	694.12
MW-40	728.92	7/28/2021	34.54	35.76	1.22	694.05
MW-40	728.92	8/2/2021	36.50	36.51	0.01	692.42
MW-40	728.92	8/16/2021	36.40	36.53	0.13	692.49

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-41	745.92	9/14/2020	ND	53.40	0.00	692.52
MW-41	745.92	9/18/2020	ND	53.40	0.00	692.52
MW-41	745.92	9/28/2020	ND	53.36	0.00	692.56
MW-41	745.92	10/3/2020	ND	53.49	0.00	692.43
MW-41	745.92	10/19/2020	ND	53.51	0.00	692.41
MW-41	745.92	10/26/2020	ND	53.49	0.00	692.43
MW-41	745.92	11/9/2020	ND	53.53	0.00	692.39
MW-41	745.92	11/18/2020	ND	53.63	0.00	692.29
MW-41	745.92	11/23/2020	ND	53.60	0.00	692.32
MW-41	745.92	12/7/2020	ND	53.54	0.00	692.38
MW-41	745.92	12/21/2020	ND	53.82	0.00	692.10
MW-41	745.92	12/26/2020	ND	53.77	0.00	692.15
MW-41	745.92	1/10/2021	ND	54.28	0.00	691.64
MW-41	745.92	1/19/2021	ND	54.35	0.00	691.57
MW-41	745.92	1/25/2021	ND	54.28	0.00	691.64
MW-41	745.92	2/1/2021	ND	54.22	0.00	691.70
MW-41	745.92	2/8/2021	ND	54.64	0.00	691.28
MW-41	745.92	2/16/2021	ND	54.20	0.00	691.72
MW-41	745.92	2/22/2021	ND	54.11	0.00	691.81
MW-41	745.92	3/4/2021	ND	54.09	0.00	691.83
MW-41	745.92	3/8/2021	ND	54.32	0.00	691.60
MW-41	745.92	3/15/2021	ND	54.50	0.00	691.42
MW-41	745.92	3/22/2021	ND	54.41	0.00	691.51
MW-41	745.92	4/1/2021	ND	54.34	0.00	691.58
MW-41	745.92	4/12/2021	ND	54.51	0.00	691.41
MW-41	745.92	4/19/2021	ND	54.55	0.00	691.37
MW-41	745.92	4/29/2021	ND	54.34	0.00	691.58
MW-41	745.92	5/3/2021	ND	54.40	0.00	691.52
MW-41	745.92	5/10/2021	ND	54.50	0.00	691.42
MW-41	745.92	5/18/2021	ND	54.52	0.00	691.40
MW-41	745.92	5/26/2021	ND	54.38	0.00	691.54
MW-41	745.92	5/31/2021	ND	54.67	0.00	691.25
MW-41	745.92	6/7/2021	ND	54.71	0.00	691.21
MW-41	745.92	6/14/2021	ND	54.43	0.00	691.49
MW-41	745.92	6/21/2021	ND	54.85	0.00	691.07
MW-41	745.92	7/1/2021	ND	54.82	0.00	691.10
MW-41	745.92	7/6/2021	ND	55.18	0.00	690.74
MW-41	745.92	7/14/2021	ND	54.93	0.00	690.99
MW-41	745.92	7/28/2021	ND	55.36	0.00	690.56
MW-41	745.92	8/2/2021	ND	55.61	0.00	690.31
MW-41	745.92	8/16/2021	ND	55.70	0.00	690.22

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-42	735.71	9/14/2020	ND	41.33	0.00	694.38
MW-42	735.71	9/18/2020	ND	38.15	0.00	697.56
MW-42	735.71	9/28/2020	ND	38.14	0.00	697.57
MW-42	735.71	10/3/2020	ND	38.25	0.00	697.46
MW-42	735.71	10/19/2020	ND	38.31	0.00	697.40
MW-42	735.71	10/26/2020	ND	38.36	0.00	697.35
MW-42	735.71	11/9/2020	ND	38.44	0.00	697.27
MW-42	735.71	11/18/2020	ND	38.57	0.00	697.14
MW-42	735.71	11/23/2020	ND	38.42	0.00	697.29
MW-42	735.71	12/7/2020	ND	38.40	0.00	697.31
MW-42	735.71	12/21/2020	ND	38.50	0.00	697.21
MW-42	735.71	12/26/2020	ND	38.61	0.00	697.10
MW-42	735.71	1/10/2021	ND	38.74	0.00	696.97
MW-42	735.71	1/19/2021	ND	38.71	0.00	697.00
MW-42	735.71	1/25/2021	ND	38.93	0.00	696.78
MW-42	735.71	2/1/2021	ND	38.97	0.00	696.74
MW-42	735.71	2/8/2021	ND	39.26	0.00	696.45
MW-42	735.71	2/16/2021	ND	39.10	0.00	696.61
MW-42	735.71	2/22/2021	ND	39.13	0.00	696.58
MW-42	732.48	3/4/2021	ND	39.05	0.00	693.43
MW-42	732.48	3/8/2021	ND	39.29	0.00	693.19
MW-42	732.48	3/15/2021	ND	39.53	0.00	692.95
MW-42	732.48	3/22/2021	ND	39.61	0.00	692.87
MW-42	732.48	4/1/2021	ND	39.22	0.00	693.26
MW-42	732.48	4/12/2021	ND	38.98	0.00	693.50
MW-42	732.48	4/19/2021	ND	39.00	0.00	693.48
MW-42	732.48	4/29/2021	ND	38.92	0.00	693.56
MW-42	732.48	5/3/2021	ND	38.83	0.00	693.65
MW-42	732.48	5/10/2021	ND	39.17	0.00	693.31
MW-42	732.48	5/18/2021	ND	39.79	0.00	692.69
MW-42	732.48	5/26/2021	ND	39.67	0.00	692.81
MW-42	732.48	5/31/2021	ND	40.29	0.00	692.19
MW-42	732.48	6/7/2021	ND	40.41	0.00	692.07
MW-42	732.48	6/14/2021	ND	40.54	0.00	691.94
MW-42	732.48	6/21/2021	ND	40.62	0.00	691.86
MW-42	732.48	7/1/2021	ND	40.55	0.00	691.93
MW-42	732.48	7/6/2021	ND	40.20	0.00	692.28
MW-42	732.48	7/14/2021	ND	41.04	0.00	691.44
MW-42	732.48	7/28/2021	ND	41.52	0.00	690.96
MW-42	732.48	8/2/2021	ND	41.75	0.00	690.73
MW-42	732.48	8/16/2021	ND	41.90	0.00	690.58

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-43	729.80	9/14/2020	ND	38.27	0.00	691.53
MW-43	729.80	9/18/2020	ND	38.30	0.00	691.50
MW-43	729.80	9/28/2020	ND	38.33	0.00	691.47
MW-43	729.80	10/3/2020	ND	38.52	0.00	691.28
MW-43	729.80	10/19/2020	ND	38.49	0.00	691.31
MW-43	729.80	10/26/2020	ND	38.52	0.00	691.28
MW-43	729.80	11/9/2020	ND	38.49	0.00	691.31
MW-43	729.80	11/18/2020	ND	38.55	0.00	691.25
MW-43	729.80	11/23/2020	ND	39.51	0.00	690.29
MW-43	729.80	12/7/2020	ND	38.40	0.00	691.40
MW-43	729.80	12/21/2020	ND	38.50	0.00	691.30
MW-43	729.80	12/26/2020	ND	38.58	0.00	691.22
MW-43	729.80	1/10/2021	ND	38.60	0.00	691.20
MW-43	729.80	1/19/2021	ND	38.70	0.00	691.10
MW-43	729.80	1/25/2021	ND	48.67	0.00	681.13
MW-43	729.80	2/1/2021	ND	38.74	0.00	691.06
MW-43	729.80	2/8/2021	ND	39.01	0.00	690.79
MW-43	729.80	2/16/2021	ND	38.84	0.00	690.96
MW-43	729.80	2/22/2021	ND	38.78	0.00	691.02
MW-43	729.80	3/4/2021	ND	38.65	0.00	691.15
MW-43	729.80	3/8/2021	ND	38.84	0.00	690.96
MW-43	729.80	3/15/2021	ND	38.78	0.00	691.02
MW-43	729.80	3/22/2021	ND	38.71	0.00	691.09
MW-43	729.80	4/1/2021	ND	38.61	0.00	691.19
MW-43	729.80	4/12/2021	ND	38.44	0.00	691.36
MW-43	729.80	4/19/2021	ND	38.44	0.00	691.36
MW-43	729.80	4/29/2021	ND	38.32	0.00	691.48
MW-43	729.80	5/3/2021	ND	38.23	0.00	691.57
MW-43	729.80	5/10/2021	ND	38.23	0.00	691.57
MW-43	729.80	5/18/2021	ND	38.17	0.00	691.63
MW-43	729.80	5/26/2021	ND	38.10	0.00	691.70
MW-43	729.80	5/31/2021	ND	38.21	0.00	691.59
MW-43	729.80	6/7/2021	ND	28.16	0.00	701.64
MW-43	729.80	6/14/2021	ND	38.20	0.00	691.60
MW-43	729.80	6/21/2021	ND	38.26	0.00	691.54
MW-43	729.80	7/1/2021	ND	38.36	0.00	691.44
MW-43	729.80	7/6/2021	ND	38.56	0.00	691.24
MW-43	729.80	7/14/2021	ND	38.68	0.00	691.12
MW-43	729.80	7/28/2021	ND	38.99	0.00	690.81
MW-43	729.80	8/2/2021	ND	39.08	0.00	690.72
MW-43	729.80	8/16/2021	ND	39.28	0.00	690.52

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-44	726.48	9/14/2020	ND	32.40	0.00	694.08
MW-44	726.48	9/18/2020	ND	32.53	0.00	693.95
MW-44	726.48	9/28/2020	ND	32.59	0.00	693.89
MW-44	726.48	10/3/2020	ND	32.64	0.00	693.84
MW-44	726.48	10/19/2020	ND	32.70	0.00	693.78
MW-44	726.48	10/21/2020	ND	34.70	0.00	691.78
MW-44	726.48	10/26/2020	ND	32.62	0.00	693.86
MW-44	726.48	11/9/2020	ND	32.67	0.00	693.81
MW-44	726.48	11/18/2020	ND	32.68	0.00	693.80
MW-44	726.48	11/23/2020	NM	NM	NM	NM
MW-44	726.48	12/7/2020	ND	32.50	0.00	693.98
MW-44	726.48	12/21/2020	ND	32.50	0.00	693.98
MW-44	726.48	12/26/2020	ND	32.50	0.00	693.98
MW-44	726.48	1/10/2021	ND	32.41	0.00	694.07
MW-44	726.48	1/19/2021	ND	32.35	0.00	694.13
MW-44	726.48	1/25/2021	ND	32.25	0.00	694.23
MW-44	726.48	2/1/2021	ND	32.18	0.00	694.30
MW-44	726.48	2/8/2021	ND	32.18	0.00	694.30
MW-44	726.48	2/16/2021	ND	32.18	0.00	694.30
MW-44	726.48	2/22/2021	ND	32.10	0.00	694.38
MW-44	726.48	3/4/2021	ND	31.96	0.00	694.52
MW-44	726.48	3/8/2021	ND	32.00	0.00	694.48
MW-44	726.48	3/15/2021	ND	31.88	0.00	694.60
MW-44	726.48	3/22/2021	ND	31.84	0.00	694.64
MW-44	726.48	4/1/2021	ND	31.71	0.00	694.77
MW-44	726.48	4/12/2021	ND	31.47	0.00	695.01
MW-44	726.48	4/19/2021	ND	31.38	0.00	695.10
MW-44	726.48	4/29/2021	ND	31.34	0.00	695.14
MW-44	726.48	5/3/2021	ND	31.29	0.00	695.19
MW-44	726.48	5/10/2021	ND	31.30	0.00	695.18
MW-44	726.48	5/18/2021	ND	31.37	0.00	695.11
MW-44	726.48	5/26/2021	ND	31.37	0.00	695.11
MW-44	726.48	5/31/2021	ND	31.45	0.00	695.03
MW-44	726.48	6/7/2021	ND	31.47	0.00	695.01
MW-44	726.48	6/14/2021	ND	31.53	0.00	694.95
MW-44	726.48	6/21/2021	ND	31.58	0.00	694.90
MW-44	726.48	7/1/2021	ND	31.65	0.00	694.83
MW-44	726.48	7/6/2021	ND	31.73	0.00	694.75
MW-44	726.48	7/14/2021	ND	31.83	0.00	694.65
MW-44	726.48	7/28/2021	ND	31.92	0.00	694.56
MW-44	726.48	8/2/2021	ND	31.99	0.00	694.49
MW-44	726.48	8/16/2021	ND	32.15	0.00	694.33

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-45	729.41	9/14/2020	ND	35.28	0.00	694.13
MW-45	729.41	9/18/2020	ND	35.21	0.00	694.20
MW-45	729.41	9/28/2020	ND	35.29	0.00	694.12
MW-45	729.41	10/3/2020	ND	35.40	0.00	694.01
MW-45	729.41	10/19/2020	ND	35.38	0.00	694.03
MW-45	729.41	10/26/2020	ND	35.39	0.00	694.02
MW-45	729.41	11/9/2020	ND	35.37	0.00	694.04
MW-45	729.41	11/18/2020	ND	35.41	0.00	694.00
MW-45	729.41	11/23/2020	ND	35.27	0.00	694.14
MW-45	729.41	12/7/2020	ND	35.19	0.00	694.22
MW-45	729.41	12/21/2020	ND	35.24	0.00	694.17
MW-45	729.41	12/26/2020	ND	35.34	0.00	694.07
MW-45	729.41	1/10/2021	ND	35.35	0.00	694.06
MW-45	729.41	1/19/2021	ND	35.34	0.00	694.07
MW-45	729.41	1/25/2021	ND	35.18	0.00	694.23
MW-45	729.41	2/1/2021	ND	35.29	0.00	694.12
MW-45	729.41	2/8/2021	ND	35.59	0.00	693.82
MW-45	729.41	2/16/2021	ND	35.46	0.00	693.95
MW-45	729.41	2/22/2021	ND	35.32	0.00	694.09
MW-45	729.41	3/4/2021	ND	35.29	0.00	694.12
MW-45	729.41	3/8/2021	ND	35.36	0.00	694.05
MW-45	729.41	3/15/2021	ND	35.36	0.00	694.05
MW-45	729.41	3/22/2021	ND	35.32	0.00	694.09
MW-45	729.41	4/1/2021	ND	35.13	0.00	694.28
MW-45	729.41	4/12/2021	ND	34.89	0.00	694.52
MW-45	729.41	4/19/2021	ND	34.85	0.00	694.56
MW-45	729.41	4/29/2021	ND	34.81	0.00	694.60
MW-45	729.41	5/3/2021	ND	34.77	0.00	694.64
MW-45	729.41	5/10/2021	ND	34.98	0.00	694.43
MW-45	729.41	5/18/2021	ND	35.35	0.00	694.06
MW-45	729.41	5/26/2021	ND	35.47	0.00	693.94
MW-45	729.41	5/31/2021	ND	35.78	0.00	693.63
MW-45	729.41	6/7/2021	ND	35.89	0.00	693.52
MW-45	729.41	6/14/2021	ND	36.11	0.00	693.30
MW-45	729.41	6/21/2021	ND	36.10	0.00	693.31
MW-45	729.41	7/1/2021	ND	36.37	0.00	693.04
MW-45	729.41	7/6/2021	ND	36.71	0.00	692.70
MW-45	729.41	7/14/2021	ND	36.86	0.00	692.55
MW-45	729.41	7/28/2021	ND	37.12	0.00	692.29
MW-45	729.41	8/2/2021	ND	37.35	0.00	692.06
MW-45	729.41	8/16/2021	ND	37.56	0.00	691.85

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-46	726.73	9/14/2020	ND	31.63	0.00	695.10
MW-46	726.73	9/18/2020	ND	31.63	0.00	695.10
MW-46	726.73	9/28/2020	ND	31.71	0.00	695.02
MW-46	726.73	10/3/2020	ND	31.82	0.00	694.91
MW-46	726.73	10/19/2020	ND	31.89	0.00	694.84
MW-46	726.73	10/26/2020	ND	31.88	0.00	694.85
MW-46	726.73	11/9/2020	ND	31.88	0.00	694.85
MW-46	726.73	11/18/2020	ND	31.91	0.00	694.82
MW-46	726.73	11/23/2020	ND	31.82	0.00	694.91
MW-46	726.73	12/7/2020	ND	31.71	0.00	695.02
MW-46	726.73	12/21/2020	ND	31.77	0.00	694.96
MW-46	726.73	12/26/2020	ND	31.85	0.00	694.88
MW-46	726.73	1/10/2021	ND	31.83	0.00	694.90
MW-46	726.73	1/19/2021	ND	31.81	0.00	694.92
MW-46	726.73	1/25/2021	ND	31.62	0.00	695.11
MW-46	726.73	2/1/2021	ND	31.67	0.00	695.06
MW-46	726.73	2/8/2021	ND	31.98	0.00	694.75
MW-46	726.73	2/16/2021	ND	31.91	0.00	694.82
MW-46	726.73	2/22/2021	ND	31.83	0.00	694.90
MW-46	726.73	3/4/2021	ND	32.05	0.00	694.68
MW-46	726.73	3/8/2021	ND	32.27	0.00	694.46
MW-46	726.73	3/15/2021	ND	32.28	0.00	694.45
MW-46	726.73	3/22/2021	ND	32.23	0.00	694.50
MW-46	726.73	4/1/2021	ND	32.03	0.00	694.70
MW-46	726.73	4/12/2021	ND	31.74	0.00	694.99
MW-46	726.73	4/19/2021	ND	31.68	0.00	695.05
MW-46	726.73	4/29/2021	ND	31.60	0.00	695.13
MW-46	726.73	5/3/2021	ND	31.45	0.00	695.28
MW-46	726.73	5/10/2021	ND	31.70	0.00	695.03
MW-46	726.73	5/18/2021	ND	32.53	0.00	694.20
MW-46	726.73	5/26/2021	ND	32.57	0.00	694.16
MW-46	726.73	5/31/2021	ND	33.04	0.00	693.69
MW-46	726.73	6/7/2021	ND	33.25	0.00	693.48
MW-46	726.73	6/14/2021	ND	33.45	0.00	693.28
MW-46	726.73	6/21/2021	ND	33.76	0.00	692.97
MW-46	726.73	7/1/2021	ND	33.62	0.00	693.11
MW-46	726.73	7/6/2021	ND	33.69	0.00	693.04
MW-46	726.73	7/14/2021	ND	33.71	0.00	693.02
MW-46	726.73	7/28/2021	ND	33.87	0.00	692.86
MW-46	726.73	8/2/2021	ND	34.43	0.00	692.30
MW-46	726.73	8/16/2021	ND	34.78	0.00	691.95

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-47	726.77	9/14/2020	ND	30.88	0.00	695.89
MW-47	726.77	9/18/2020	ND	30.75	0.00	696.02
MW-47	726.77	9/28/2020	ND	30.74	0.00	696.03
MW-47	726.77	10/3/2020	30.54	30.88	0.34	696.14
MW-47	726.77	10/19/2020	25.61	27.85	2.24	700.56
MW-47	726.77	11/9/2020	25.51	27.78	2.27	700.65
MW-47	726.77	11/18/2020	ARP	ARP	ARP	ARP
MW-47	726.77	11/23/2020	25.51	27.75	2.24	700.66
MW-47	726.77	12/7/2020	ARP	ARP	ARP	ARP
MW-47	726.77	12/21/2020	ARP	ARP	ARP	ARP
MW-47	726.77	12/26/2020	25.58	27.80	2.22	700.60
MW-47	726.77	1/10/2021	ARP	ARP	ARP	ARP
MW-47	726.77	1/19/2021	ARP	ARP	ARP	ARP
MW-47	726.77	1/25/2021	ARP	ARP	ARP	ARP
MW-47	726.77	2/1/2021	25.46	27.68	2.22	700.72
MW-47	726.77	2/8/2021	ARP	ARP	ARP	ARP
MW-47	726.77	2/16/2021	ARP	ARP	ARP	ARP
MW-47	726.77	2/22/2021	ARP	ARP	ARP	ARP
MW-47	723.18	3/4/2021	26.41	27.72	1.31	696.42
MW-47	723.18	3/8/2021	ARP	ARP	ARP	ARP
MW-47	723.18	3/15/2021	ARP	ARP	ARP	ARP
MW-47	723.18	3/22/2021	ARP	ARP	ARP	ARP
MW-47	723.18	4/1/2021	25.74	25.90	0.16	697.40
MW-47	723.18	4/12/2021	ARP	ARP	ARP	ARP
MW-47	723.18	4/19/2021	ARP	ARP	ARP	ARP
MW-47	723.18	4/29/2021	26.48	27.55	1.07	696.41
MW-47	723.18	5/3/2021	ARP	ARP	ARP	ARP
MW-47	723.18	5/10/2021	ARP	ARP	ARP	ARP
MW-47	723.18	5/18/2021	ARP	ARP	ARP	ARP
MW-47	723.18	5/26/2021	27.33	27.44	0.11	695.82
MW-47	723.18	5/31/2021	ARP	ARP	ARP	ARP
MW-47	723.18	6/7/2021	ARP	ARP	ARP	ARP
MW-47	723.18	6/14/2021	ARP	ARP	ARP	ARP
MW-47	723.18	6/21/2021	ARP	ARP	ARP	ARP
MW-47	723.18	7/1/2021	ND	27.64	0.00	695.54
MW-47	723.18	7/6/2021	ARP	ARP	ARP	ARP
MW-47	723.18	7/14/2021	ND	27.56	0.00	695.62
MW-47	723.18	7/28/2021	ND	26.91	0.00	696.27
MW-47	723.18	8/16/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-48	723.09	9/18/2020	ND	33.44	0.00	689.65
MW-48	723.09	9/28/2020	ND	33.38	0.00	689.71
MW-48	723.09	10/3/2020	ND	33.57	0.00	689.52
MW-48	723.09	10/19/2020	ND	33.63	0.00	689.46
MW-48	723.09	10/26/2020	ND	33.65	0.00	689.44
MW-48	723.09	11/9/2020	ND	33.58	0.00	689.51
MW-48	723.09	11/18/2020	ND	33.64	0.00	689.45
MW-48	723.09	11/23/2020	ND	33.56	0.00	689.53
MW-48	723.09	12/7/2020	33.30	33.70	0.40	689.68
MW-48	723.09	12/21/2020	ARP	ARP	ARP	ARP
MW-48	723.09	12/26/2020	33.79	34.51	0.72	689.10
MW-48	723.09	1/10/2021	ARP	ARP	ARP	ARP
MW-48	723.09	1/19/2021	ARP	ARP	ARP	ARP
MW-48	723.09	1/25/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/1/2021	32.85	38.05	5.20	688.85
MW-48	723.09	2/8/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/16/2021	ARP	ARP	ARP	ARP
MW-48	723.09	2/22/2021	ARP	ARP	ARP	ARP
MW-48	723.57	3/4/2021	33.73	34.80	1.07	689.55
MW-48	723.57	3/15/2021	ARP	ARP	ARP	ARP
MW-48	723.57	3/22/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/1/2021	33.45	35.18	1.73	689.66
MW-48	723.57	4/12/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/19/2021	ARP	ARP	ARP	ARP
MW-48	723.57	4/29/2021	33.61	33.88	0.27	689.89
MW-48	723.57	5/3/2021	ARP	ARP	ARP	ARP
MW-48	723.57	5/10/2021	ARP	ARP	ARP	ARP
MW-48	723.57	5/18/2021	ARP	ARP	ARP	ARP
MW-48	723.57	5/26/2021	33.60	33.74	0.14	689.93
MW-48	723.57	5/31/2021	ARP	ARP	ARP	ARP
MW-48	723.57	6/7/2021	ARP	ARP	ARP	ARP
MW-48	723.57	6/14/2021	ARP	ARP	ARP	ARP
MW-48	723.57	6/21/2021	ARP	ARP	ARP	ARP
MW-48	723.57	7/1/2021	34.02	34.42	0.40	689.44
MW-48	723.57	7/6/2021	ARP	ARP	ARP	ARP
MW-48	723.57	7/14/2021	34.50	34.72	0.22	689.01
MW-48	723.57	7/28/2021	34.97	35.12	0.15	688.56
MW-48	723.57	8/16/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-49	727.58	9/18/2020	ND	32.29	0.00	695.29
MW-49	727.58	9/28/2020	ND	33.63	0.00	693.95
MW-49	727.58	10/3/2020	ND	33.75	0.00	693.83
MW-49	727.58	10/19/2020	ND	33.73	0.00	693.85
MW-49	727.58	10/26/2020	ND	33.76	0.00	693.82
MW-49	727.58	11/9/2020	ND	33.69	0.00	693.89
MW-49	727.58	11/18/2020	ND	33.70	0.00	693.88
MW-49	727.58	11/23/2020	ND	33.55	0.00	694.03
MW-49	727.58	12/7/2020	ND	33.45	0.00	694.13
MW-49	727.58	12/21/2020	ND	33.49	0.00	694.09
MW-49	727.58	12/26/2020	ND	33.57	0.00	694.01
MW-49	727.58	1/10/2021	ND	33.53	0.00	694.05
MW-49	727.58	1/19/2021	ND	33.51	0.00	694.07
MW-49	727.58	1/25/2021	ND	33.34	0.00	694.24
MW-49	727.58	2/1/2021	ND	33.42	0.00	694.16
MW-49	727.58	2/8/2021	ND	33.65	0.00	693.93
MW-49	727.58	2/16/2021	ND	33.52	0.00	694.06
MW-49	727.58	2/22/2021	ND	33.37	0.00	694.21
MW-49	727.58	3/4/2021	ND	33.28	0.00	694.30
MW-49	727.58	3/8/2021	ND	33.36	0.00	694.22
MW-49	727.58	3/15/2021	ND	33.33	0.00	694.25
MW-49	727.58	3/22/2021	ND	33.31	0.00	694.27
MW-49	727.58	4/1/2021	ND	33.09	0.00	694.49
MW-49	727.58	4/12/2021	ND	32.84	0.00	694.74
MW-49	727.58	4/19/2021	ND	32.78	0.00	694.80
MW-49	727.58	4/29/2021	ND	32.75	0.00	694.83
MW-49	727.58	5/3/2021	ND	32.73	0.00	694.85
MW-49	727.58	5/10/2021	ND	32.92	0.00	694.66
MW-49	727.58	5/18/2021	ND	33.29	0.00	694.29
MW-49	727.58	5/26/2021	ND	33.41	0.00	694.17
MW-49	727.58	5/31/2021	ND	33.71	0.00	693.87
MW-49	727.58	6/7/2021	ND	33.81	0.00	693.77
MW-49	727.58	6/14/2021	ND	34.03	0.00	693.55
MW-49	727.58	6/21/2021	ND	34.08	0.00	693.50
MW-49	727.58	7/1/2021	ND	34.34	0.00	693.24
MW-49	727.58	7/6/2021	ND	34.62	0.00	692.96
MW-49	727.58	7/14/2021	ND	37.77	0.00	689.81
MW-49	727.58	7/28/2021	ND	35.02	0.00	692.56
MW-49	727.58	8/2/2021	ND	35.26	0.00	692.32
MW-49	727.58	8/16/2021	ND	35.49	0.00	692.09

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-50	731.14	9/18/2020	ND	35.04	0.00	696.10
MW-50	731.14	9/28/2020	ND	36.74	0.00	694.40
MW-50	731.14	10/3/2020	ND	36.85	0.00	694.29
MW-50	731.14	10/19/2020	ND	36.88	0.00	694.26
MW-50	731.14	10/26/2020	ND	36.94	0.00	694.20
MW-50	731.14	11/9/2020	ND	36.90	0.00	694.24
MW-50	731.14	11/18/2020	ND	36.99	0.00	694.15
MW-50	731.14	11/23/2020	ND	36.86	0.00	694.28
MW-50	731.14	12/7/2020	ND	36.81	0.00	694.33
MW-50	731.14	12/21/2020	ND	36.84	0.00	694.30
MW-50	731.14	12/26/2020	ND	36.95	0.00	694.19
MW-50	731.14	1/10/2021	ND	36.95	0.00	694.19
MW-50	731.14	1/19/2021	ND	36.95	0.00	694.19
MW-50	731.14	1/25/2021	ND	36.92	0.00	694.22
MW-50	731.14	2/1/2021	ND	36.91	0.00	694.23
MW-50	731.14	2/8/2021	ND	37.67	0.00	693.47
MW-50	731.14	2/16/2021	ND	37.58	0.00	693.56
MW-50	731.14	2/22/2021	ND	37.34	0.00	693.80
MW-50	731.14	3/4/2021	ND	37.19	0.00	693.95
MW-50	731.14	3/8/2021	ND	37.20	0.00	693.94
MW-50	731.14	3/15/2021	ND	37.47	0.00	693.67
MW-50	731.14	3/22/2021	ND	37.16	0.00	693.98
MW-50	731.14	4/1/2021	ND	36.93	0.00	694.21
MW-50	731.14	4/12/2021	ND	36.68	0.00	694.46
MW-50	731.14	4/19/2021	ND	36.91	0.00	694.23
MW-50	731.14	4/29/2021	ND	36.69	0.00	694.45
MW-50	731.14	5/3/2021	ND	36.83	0.00	694.31
MW-50	731.14	5/10/2021	ND	37.14	0.00	694.00
MW-50	731.14	5/18/2021	ND	37.54	0.00	693.60
MW-50	731.14	5/26/2021	ND	37.48	0.00	693.66
MW-50	731.14	5/31/2021	ND	38.01	0.00	693.13
MW-50	731.14	6/7/2021	ND	38.18	0.00	692.96
MW-50	731.14	6/14/2021	ND	38.34	0.00	692.80
MW-50	731.14	6/21/2021	ND	38.12	0.00	693.02
MW-50	731.14	7/1/2021	ND	38.43	0.00	692.71
MW-50	731.14	7/6/2021	ND	38.95	0.00	692.19
MW-50	731.14	7/14/2021	ND	38.94	0.00	692.20
MW-50	731.14	7/28/2021	ND	39.10	0.00	692.04
MW-50	731.14	8/2/2021	ND	39.57	0.00	691.57
MW-50	731.14	8/16/2021	ND	39.79	0.00	691.35

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-51	731.20	9/18/2020	ND	31.34	0.00	699.86
MW-51	731.20	9/28/2020	ND	37.08	0.00	694.12
MW-51	731.20	10/3/2020	ND	37.18	0.00	694.02
MW-51	731.20	10/19/2020	ND	37.18	0.00	694.02
MW-51	731.20	10/26/2020	ND	37.19	0.00	694.01
MW-51	731.20	11/9/2020	ND	37.18	0.00	694.02
MW-51	731.20	11/18/2020	ND	37.27	0.00	693.93
MW-51	731.20	11/23/2020	ND	37.10	0.00	694.10
MW-51	731.20	12/7/2020	ND	37.03	0.00	694.17
MW-51	731.20	12/21/2020	ND	37.08	0.00	694.12
MW-51	731.20	12/26/2020	ND	37.18	0.00	694.02
MW-51	731.20	1/10/2021	ND	37.20	0.00	694.00
MW-51	731.20	1/19/2021	ND	37.19	0.00	694.01
MW-51	731.20	1/25/2021	ND	37.07	0.00	694.13
MW-51	731.20	2/1/2021	ND	37.16	0.00	694.04
MW-51	731.20	2/8/2021	ND	37.51	0.00	693.69
MW-51	731.20	2/16/2021	ND	37.38	0.00	693.82
MW-51	731.20	2/22/2021	ND	37.29	0.00	693.91
MW-51	731.20	3/4/2021	ND	37.22	0.00	693.98
MW-51	731.20	3/8/2021	ND	37.31	0.00	693.89
MW-51	731.20	3/15/2021	ND	37.31	0.00	693.89
MW-51	731.20	3/22/2021	ND	37.30	0.00	693.90
MW-51	731.20	4/1/2021	ND	37.09	0.00	694.11
MW-51	731.20	4/12/2021	ND	36.86	0.00	694.34
MW-51	731.20	4/9/2021	ND	36.85	0.00	694.35
MW-51	731.20	4/29/2021	ND	36.79	0.00	694.41
MW-51	731.20	5/3/2021	ND	36.76	0.00	694.44
MW-51	731.20	5/10/2021	ND	36.96	0.00	694.24
MW-51	731.20	5/18/2021	ND	37.36	0.00	693.84
MW-51	731.20	5/26/2021	ND	37.46	0.00	693.74
MW-51	731.20	5/31/2021	ND	37.78	0.00	693.42
MW-51	731.20	6/7/2021	ND	37.93	0.00	693.27
MW-51	731.20	6/14/2021	ND	37.86	0.00	693.34
MW-51	731.20	6/21/2021	ND	38.07	0.00	693.13
MW-51	731.20	7/1/2021	ND	38.38	0.00	692.82
MW-51	731.20	7/6/2021	ND	38.74	0.00	692.46
MW-51	731.20	7/14/2021	ND	38.87	0.00	692.33
MW-51	731.20	7/28/2021	ND	39.15	0.00	692.05
MW-51	731.20	8/2/2021	ND	39.37	0.00	691.83
MW-51	731.20	8/16/2021	ND	39.58	0.00	691.62

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-52	722.94	10/3/2020	ND	33.48	0.00	689.46
MW-52	722.94	10/19/2020	ND	33.56	0.00	689.38
MW-52	722.94	10/21/2020	ND	35.56	0.00	687.38
MW-52	722.94	10/26/2020	ND	33.60	0.00	689.34
MW-52	722.94	11/9/2020	ND	33.52	0.00	689.42
MW-52	722.94	11/18/2020	ND	33.59	0.00	689.35
MW-52	722.94	11/23/2020	ND	33.51	0.00	689.43
MW-52	722.94	12/7/2020	ND	33.36	0.00	689.58
MW-52	722.94	12/21/2020	ND	33.54	0.00	689.40
MW-52	722.94	12/26/2020	ND	33.49	0.00	689.45
MW-52	722.94	1/10/2021	ND	33.58	0.00	689.36
MW-52	722.94	1/19/2021	ND	33.89	0.00	689.05
MW-52	722.94	1/25/2021	ND	33.83	0.00	689.11
MW-52	722.94	2/1/2021	ND	33.72	0.00	689.22
MW-52	722.94	2/8/2021	ND	34.31	0.00	688.63
MW-52	722.94	2/16/2021	ND	33.91	0.00	689.03
MW-52	722.94	2/22/2021	ND	33.83	0.00	689.11
MW-52	722.94	3/4/2021	ND	33.44	0.00	689.50
MW-52	722.94	3/8/2021	ND	33.78	0.00	689.16
MW-52	722.94	3/15/2021	ND	33.78	0.00	689.16
MW-52	722.94	3/22/2021	ND	33.66	0.00	689.28
MW-52	722.94	4/1/2021	ND	33.34	0.00	689.60
MW-52	722.94	4/12/2021	ND	24.45	0.00	698.49
MW-52	722.94	4/19/2021	ND	33.47	0.00	689.47
MW-52	722.94	4/29/2021	ND	33.14	0.00	689.80
MW-52	722.94	5/3/2021	ND	33.39	0.00	689.55
MW-52	722.94	5/10/2021	ND	33.30	0.00	689.64
MW-52	722.94	5/18/2021	ND	33.18	0.00	689.76
MW-52	722.94	5/26/2021	ND	33.05	0.00	689.89
MW-52	722.94	5/31/2021	ND	33.24	0.00	689.70
MW-52	722.94	6/7/2021	ND	33.40	0.00	689.54
MW-52	722.94	6/14/2021	ND	33.55	0.00	689.39
MW-52	722.94	6/21/2021	ND	33.73	0.00	689.21
MW-52	722.94	7/1/2021	ND	33.61	0.00	689.33
MW-52	722.94	7/6/2021	ND	34.22	0.00	688.72
MW-52	722.94	7/14/2021	ND	34.03	0.00	688.91
MW-52	722.94	7/28/2021	ND	34.84	0.00	688.10
MW-52	722.94	8/2/2021	ND	35.10	0.00	687.84
MW-52	722.94	8/16/2021	ND	35.39	0.00	687.55

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-53	707.49	10/3/2020	ND	29.76	0.00	677.73
MW-53	707.49	10/19/2020	ND	25.59	0.00	681.90
MW-53	707.49	10/26/2020	ND	25.51	0.00	681.98
MW-53	707.49	11/9/2020	ND	25.40	0.00	682.09
MW-53	707.49	11/18/2020	ND	25.20	0.00	682.29
MW-53	707.49	11/23/2020	ND	25.07	0.00	682.42
MW-53	707.49	12/7/2020	ND	24.86	0.00	682.63
MW-53	707.49	12/21/2020	ND	24.78	0.00	682.71
MW-53	707.49	12/26/2020	ND	27.74	0.00	679.75
MW-53	707.49	1/10/2021	ND	24.70	0.00	682.79
MW-53	707.49	1/19/2021	ND	25.10	0.00	682.39
MW-53	707.49	1/25/2021	ND	25.27	0.00	682.22
MW-53	707.49	2/1/2021	ND	25.20	0.00	682.29
MW-53	707.49	2/8/2021	ND	25.36	0.00	682.13
MW-53	707.49	2/16/2021	ND	24.86	0.00	682.63
MW-53	707.49	2/22/2021	ND	24.32	0.00	683.17
MW-53	707.49	3/4/2021	ND	24.14	0.00	683.35
MW-53	707.49	3/8/2021	ND	24.48	0.00	683.01
MW-53	707.49	3/15/2021	ND	24.56	0.00	682.93
MW-53	707.49	3/22/2021	ND	24.38	0.00	683.11
MW-53	707.49	4/1/2021	ND	23.79	0.00	683.70
MW-53	707.49	4/12/2021	ND	24.26	0.00	683.23
MW-53	707.49	4/19/2021	ND	24.64	0.00	682.85
MW-53	707.49	4/29/2021	ND	24.90	0.00	682.59
MW-53	707.49	5/3/2021	ND	24.96	0.00	682.53
MW-53	707.49	5/10/2021	ND	25.18	0.00	682.31
MW-53	707.49	5/18/2021	ND	25.42	0.00	682.07
MW-53	707.49	5/26/2021	ND	25.55	0.00	681.94
MW-53	707.49	5/31/2021	ND	25.86	0.00	681.63
MW-53	707.49	6/7/2021	ND	26.16	0.00	681.33
MW-53	707.49	6/14/2021	ND	26.26	0.00	681.23
MW-53	707.49	6/21/2021	ND	26.44	0.00	681.05
MW-53	707.49	7/1/2021	ND	27.59	0.00	679.90
MW-53	707.49	7/6/2021	ND	26.83	0.00	680.66
MW-53	707.49	7/14/2021	ND	26.90	0.00	680.59
MW-53	707.49	7/28/2021	ND	27.43	0.00	680.06
MW-53	707.49	8/2/2021	ND	27.75	0.00	679.74
MW-53	707.49	8/16/2021	ND	28.38	0.00	679.11

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-54	707.97	10/3/2020	ND	25.60	0.00	682.37
MW-54	707.97	10/19/2020	ND	25.41	0.00	682.56
MW-54	707.97	10/26/2020	ND	25.35	0.00	682.62
MW-54	707.97	11/9/2020	ND	25.26	0.00	682.71
MW-54	707.97	11/18/2020	ND	25.16	0.00	682.81
MW-54	707.97	11/23/2020	ND	25.06	0.00	682.91
MW-54	707.97	12/7/2020	ND	24.79	0.00	683.18
MW-54	707.97	12/21/2020	ND	24.74	0.00	683.23
MW-54	707.97	12/26/2020	ND	24.74	0.00	683.23
MW-54	707.97	1/10/2021	ND	24.61	0.00	683.36
MW-54	707.97	1/19/2021	ND	24.96	0.00	683.01
MW-54	707.97	1/25/2021	ND	25.08	0.00	682.89
MW-54	707.97	2/1/2021	ND	25.08	0.00	682.89
MW-54	707.97	2/8/2021	ND	25.27	0.00	682.70
MW-54	707.97	2/16/2021	ND	24.82	0.00	683.15
MW-54	707.97	2/22/2021	ND	24.41	0.00	683.56
MW-54	707.97	3/4/2021	ND	24.07	0.00	683.90
MW-54	707.97	3/8/2021	ND	24.43	0.00	683.54
MW-54	707.97	3/15/2021	ND	24.45	0.00	683.52
MW-54	707.97	3/22/2021	ND	24.61	0.00	683.36
MW-54	707.97	4/1/2021	ND	24.01	0.00	683.96
MW-54	707.97	4/12/2021	ND	24.34	0.00	683.63
MW-54	707.97	4/19/2021	ND	24.71	0.00	683.26
MW-54	707.97	4/29/2021	ND	24.86	0.00	683.11
MW-54	707.97	5/3/2021	ND	24.82	0.00	683.15
MW-54	707.97	5/10/2021	ND	25.20	0.00	682.77
MW-54	707.97	5/18/2021	ND	25.53	0.00	682.44
MW-54	707.97	5/26/2021	ND	25.56	0.00	682.41
MW-54	707.97	5/31/2021	ND	25.93	0.00	682.04
MW-54	707.97	6/7/2021	ND	26.27	0.00	681.70
MW-54	707.97	6/14/2021	ND	26.33	0.00	681.64
MW-54	707.97	6/21/2021	ND	26.52	0.00	681.45
MW-54	707.97	7/1/2021	ND	26.63	0.00	681.34
MW-54	707.97	7/6/2021	ND	26.91	0.00	681.06
MW-54	707.97	7/14/2021	ND	26.92	0.00	681.05
MW-54	707.97	7/28/2021	ND	27.55	0.00	680.42
MW-54	707.97	8/2/2021	ND	28.01	0.00	679.96
MW-54	707.97	8/16/2021	28.64	28.84	0.20	679.28

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-55	745.50	10/3/2020	ND	55.30	0.00	690.20
MW-55	745.50	10/19/2020	ND	53.23	0.00	692.27
MW-55	745.50	10/26/2020	ND	53.20	0.00	692.30
MW-55	745.50	11/9/2020	ND	53.28	0.00	692.22
MW-55	745.50	11/18/2020	ND	53.63	0.00	691.87
MW-55	745.50	11/23/2020	ND	53.29	0.00	692.21
MW-55	745.50	12/7/2020	ARP	ARP	ARP	ARP
MW-55	745.50	12/21/2020	ARP	ARP	ARP	ARP
MW-55	745.50	12/26/2020	51.17	53.54	2.37	693.70
MW-55	745.50	1/10/2021	ARP	ARP	ARP	ARP
MW-55	745.50	1/19/2021	ARP	ARP	ARP	ARP
MW-55	745.50	1/25/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/1/2021	51.41	54.29	2.88	693.32
MW-55	745.50	2/8/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/16/2021	ARP	ARP	ARP	ARP
MW-55	745.50	2/22/2021	ARP	ARP	ARP	ARP
MW-55	743.95	3/4/2021	51.43	54.04	2.61	691.82
MW-55	743.95	3/15/2021	ARP	ARP	ARP	ARP
MW-55	743.95	3/22/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/1/2021	51.71	54.01	2.30	691.63
MW-55	743.95	4/12/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/19/2021	ARP	ARP	ARP	ARP
MW-55	743.95	4/29/2021	51.91	53.36	1.45	691.65
MW-55	743.95	5/3/2021	ARP	ARP	ARP	ARP
MW-55	743.95	5/10/2021	ARP	ARP	ARP	ARP
MW-55	743.95	5/18/2021	ARP	ARP	ARP	ARP
MW-55	743.95	5/26/2021	51.85	53.64	1.79	691.62
MW-55	743.95	5/31/2021	ARP	ARP	ARP	ARP
MW-55	743.95	6/7/2021	ARP	ARP	ARP	ARP
MW-55	743.95	6/14/2021	ARP	ARP	ARP	ARP
MW-55	743.95	6/21/2021	ARP	ARP	ARP	ARP
MW-55	743.95	7/1/2021	52.77	52.93	0.16	691.14
MW-55	743.95	7/6/2021	ARP	ARP	ARP	ARP
MW-55	743.95	7/14/2021	52.88	53.02	0.14	691.03
MW-55	743.95	7/28/2021	53.12	53.29	0.17	690.78
MW-55	743.95	8/16/2021	ARP	ARP	ARP	ARP

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-56	681.53	10/3/2020	ND	12.27	0.00	669.26
MW-56	681.53	10/19/2020	ND	11.86	0.00	669.67
MW-56	681.53	10/26/2020	ND	11.76	0.00	669.77
MW-56	681.53	11/9/2020	ND	11.36	0.00	670.17
MW-56	681.53	11/18/2020	ND	11.11	0.00	670.42
MW-56	681.53	11/23/2020	ND	10.95	0.00	670.58
MW-56	681.53	12/7/2020	ND	10.49	0.00	671.04
MW-56	681.53	12/21/2020	ND	10.16	0.00	671.37
MW-56	681.53	12/26/2020	ND	10.30	0.00	671.23
MW-56	681.53	1/10/2021	ND	10.04	0.00	671.49
MW-56	681.53	1/19/2021	ND	10.03	0.00	671.50
MW-56	681.53	1/25/2021	ND	9.82	0.00	671.71
MW-56	681.53	2/1/2021	ND	9.33	0.00	672.20
MW-56	681.53	2/8/2021	ND	9.68	0.00	671.85
MW-56	681.53	2/16/2021	ND	8.94	0.00	672.59
MW-56	681.53	2/22/2021	ND	5.72	0.00	675.81
MW-56	681.53	3/4/2021	ND	8.62	0.00	672.91
MW-56	681.53	3/8/2021	ND	8.99	0.00	672.54
MW-56	681.53	3/15/2021	ND	9.04	0.00	672.49
MW-56	681.53	3/22/2021	ND	8.61	0.00	672.92
MW-56	681.53	4/1/2021	ND	8.19	0.00	673.34
MW-56	681.53	4/12/2021	ND	8.28	0.00	673.25
MW-56	681.53	4/19/2021	ND	8.58	0.00	672.95
MW-56	681.53	4/29/2021	ND	8.88	0.00	672.65
MW-56	681.53	5/3/2021	ND	8.99	0.00	672.54
MW-56	681.53	5/10/2021	ND	9.28	0.00	672.25
MW-56	681.53	5/18/2021	ND	9.64	0.00	671.89
MW-56	681.53	5/26/2021	ND	10.04	0.00	671.49
MW-56	681.53	5/31/2021	ND	10.45	0.00	671.08
MW-56	681.53	6/7/2021	ND	10.65	0.00	670.88
MW-56	681.53	6/14/2021	ND	10.54	0.00	670.99
MW-56	681.53	6/21/2021	ND	10.74	0.00	670.79
MW-56	681.53	7/1/2021	ND	11.53	0.00	670.00
MW-56	681.53	7/6/2021	ND	11.29	0.00	670.24
MW-56	681.53	7/14/2021	ND	11.53	0.00	670.00
MW-56	681.53	7/28/2021	ND	11.43	0.00	670.10
MW-56	681.53	8/2/2021	ND	11.70	0.00	669.83
MW-56	681.53	8/16/2021	ND	12.23	0.00	669.30

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-57	687.07	10/3/2020	ND	13.71	0.00	673.36
MW-57	687.07	10/19/2020	ND	13.11	0.00	673.96
MW-57	687.07	10/26/2020	ND	13.05	0.00	674.02
MW-57	687.07	11/9/2020	ND	12.20	0.00	674.87
MW-57	687.07	11/18/2020	ND	12.25	0.00	674.82
MW-57	687.07	11/23/2020	ND	12.19	0.00	674.88
MW-57	687.07	12/7/2020	ND	11.64	0.00	675.43
MW-57	687.07	12/21/2020	ND	11.26	0.00	675.81
MW-57	687.07	12/26/2020	ND	11.20	0.00	675.87
MW-57	687.07	1/10/2021	ND	10.91	0.00	676.16
MW-57	687.07	1/19/2021	ND	10.96	0.00	676.11
MW-57	687.07	1/25/2021	ND	10.83	0.00	676.24
MW-57	687.07	2/1/2021	ND	10.21	0.00	676.86
MW-57	687.07	2/8/2021	ND	10.32	0.00	676.75
MW-57	687.07	2/16/2021	ND	9.53	0.00	677.54
MW-57	687.07	2/22/2021	ND	6.29	0.00	680.78
MW-57	687.07	3/4/2021	ND	9.12	0.00	677.95
MW-57	687.07	3/8/2021	ND	9.46	0.00	677.61
MW-57	687.07	3/15/2021	ND	9.49	0.00	677.58
MW-57	687.07	3/22/2021	NM	NM	NM	NM
MW-57	687.07	4/1/2021	ND	8.09	0.00	678.98
MW-57	687.07	4/12/2021	ND	8.25	0.00	678.82
MW-57	687.07	4/19/2021	ND	8.52	0.00	678.55
MW-57	687.07	4/29/2021	ND	8.84	0.00	678.23
MW-57	687.07	5/3/2021	ND	8.98	0.00	678.09
MW-57	687.07	5/10/2021	ND	9.31	0.00	677.76
MW-57	687.07	5/18/2021	ND	10.73	0.00	676.34
MW-57	687.07	5/26/2021	ND	10.24	0.00	676.83
MW-57	687.07	5/31/2021	ND	10.66	0.00	676.41
MW-57	687.07	6/7/2021	ND	10.97	0.00	676.10
MW-57	687.07	6/14/2021	ND	10.95	0.00	676.12
MW-57	687.07	6/21/2021	ND	11.26	0.00	675.81
MW-57	687.07	7/1/2021	ND	11.64	0.00	675.43
MW-57	687.07	7/6/2021	ND	11.93	0.00	675.14
MW-57	687.07	7/14/2021	ND	12.27	0.00	674.80
MW-57	687.07	7/28/2021	ND	12.31	0.00	674.76
MW-57	687.07	8/2/2021	ND	12.59	0.00	674.48
MW-57	687.07	8/16/2021	ND	13.25	0.00	673.82

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-58	717.30	10/3/2020	ND	29.77	0.00	687.53
MW-58	717.30	10/19/2020	ND	29.78	0.00	687.52
MW-58	717.30	10/26/2020	ND	29.74	0.00	687.56
MW-58	717.30	11/9/2020	ND	29.60	0.00	687.70
MW-58	717.30	11/18/2020	ND	29.59	0.00	687.71
MW-58	717.30	11/23/2020	ND	29.54	0.00	687.76
MW-58	717.30	12/7/2020	ND	29.28	0.00	688.02
MW-58	717.30	12/21/2020	ND	29.23	0.00	688.07
MW-58	717.30	12/26/2020	ND	29.31	0.00	687.99
MW-58	717.30	1/10/2021	ND	29.09	0.00	688.21
MW-58	717.30	1/19/2021	ND	29.03	0.00	688.27
MW-58	717.30	1/25/2021	ND	28.88	0.00	688.42
MW-58	717.30	2/1/2021	ND	28.83	0.00	688.47
MW-58	717.30	2/8/2021	ND	28.99	0.00	688.31
MW-58	717.30	2/16/2021	ND	28.78	0.00	688.52
MW-58	717.30	2/22/2021	ND	28.65	0.00	688.65
MW-58	717.30	3/4/2021	ND	28.48	0.00	688.82
MW-58	717.30	3/8/2021	ND	28.62	0.00	688.68
MW-58	717.30	3/15/2021	ND	28.48	0.00	688.82
MW-58	717.30	3/22/2021	ND	28.31	0.00	688.99
MW-58	717.30	4/1/2021	ND	28.18	0.00	689.12
MW-58	717.30	4/12/2021	ND	27.86	0.00	689.44
MW-58	717.30	4/19/2021	ND	28.71	0.00	688.59
MW-58	717.30	4/29/2021	ND	27.71	0.00	689.59
MW-58	717.30	5/3/2021	ND	27.67	0.00	689.63
MW-58	717.30	5/10/2021	ND	27.72	0.00	689.58
MW-58	717.30	5/18/2021	ND	27.79	0.00	689.51
MW-58	717.30	5/26/2021	ND	27.80	0.00	689.50
MW-58	717.30	5/31/2021	ND	27.96	0.00	689.34
MW-58	717.30	6/7/2021	ND	28.00	0.00	689.30
MW-58	717.30	6/14/2021	ND	28.10	0.00	689.20
MW-58	717.30	6/21/2021	ND	28.24	0.00	689.06
MW-58	717.30	7/1/2021	ND	28.43	0.00	688.87
MW-58	717.30	7/6/2021	ND	28.62	0.00	688.68
MW-58	717.30	7/14/2021	ND	28.76	0.00	688.54
MW-58	717.30	7/28/2021	ND	29.08	0.00	688.22
MW-58	717.30	8/2/2021	ND	29.26	0.00	688.04
MW-58	717.30	8/16/2021	ND	29.60	0.00	687.70

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-59	719.38	10/3/2020	ND	31.26	0.00	688.12
MW-59	719.38	10/19/2020	ND	31.19	0.00	688.19
MW-59	719.38	10/26/2020	ND	31.18	0.00	688.20
MW-59	719.38	10/28/2020	ND	33.18	0.00	686.20
MW-59	719.38	11/9/2020	ND	31.03	0.00	688.35
MW-59	719.38	11/18/2020	ND	31.05	0.00	688.33
MW-59	719.38	11/23/2020	ND	30.99	0.00	688.39
MW-59	719.38	12/7/2020	ND	30.76	0.00	688.62
MW-59	719.38	12/21/2020	ND	37.80	0.00	681.58
MW-59	719.38	12/26/2020	ND	30.83	0.00	688.55
MW-59	719.38	1/10/2021	ND	30.68	0.00	688.70
MW-59	719.38	1/19/2021	ND	30.70	0.00	688.68
MW-59	719.38	1/25/2021	ND	30.61	0.00	688.77
MW-59	719.38	2/1/2021	ND	30.57	0.00	688.81
MW-59	719.38	2/8/2021	ND	30.78	0.00	688.60
MW-59	719.38	2/16/2021	ND	30.55	0.00	688.83
MW-59	719.38	2/22/2021	ND	30.43	0.00	688.95
MW-59	719.38	3/4/2021	ND	30.25	0.00	689.13
MW-59	719.38	3/8/2021	ND	30.36	0.00	689.02
MW-59	719.38	3/15/2021	ND	30.24	0.00	689.14
MW-59	719.38	3/22/2021	ND	30.10	0.00	689.28
MW-59	719.38	4/1/2021	ND	29.96	0.00	689.42
MW-59	719.38	4/12/2021	ND	29.67	0.00	689.71
MW-59	719.38	4/19/2021	ND	29.64	0.00	689.74
MW-59	719.38	4/29/2021	ND	29.55	0.00	689.83
MW-59	719.38	5/3/2021	ND	29.52	0.00	689.86
MW-59	719.38	5/10/2021	ND	29.58	0.00	689.80
MW-59	719.38	5/18/2021	ND	29.64	0.00	689.74
MW-59	719.38	5/26/2021	ND	29.67	0.00	689.71
MW-59	719.38	5/31/2021	ND	29.86	0.00	689.52
MW-59	719.38	6/7/2021	ND	29.91	0.00	689.47
MW-59	719.38	6/14/2021	ND	30.01	0.00	689.37
MW-59	719.38	6/21/2021	ND	30.19	0.00	689.19
MW-59	719.38	7/1/2021	ND	30.33	0.00	689.05
MW-59	719.38	7/6/2021	ND	30.59	0.00	688.79
MW-59	719.38	7/14/2021	ND	30.72	0.00	688.66
MW-59	719.38	7/28/2021	ND	31.14	0.00	688.24
MW-59	719.38	8/2/2021	ND	31.34	0.00	688.04
MW-59	719.38	8/16/2021	ND	31.73	0.00	687.65

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-60	726.76	1/10/2020	ND	32.99	0.00	693.77
MW-60	726.76	10/8/2020	ND	33.60	0.00	693.16
MW-60	726.76	10/19/2020	ND	33.62	0.00	693.14
MW-60	726.76	10/26/2020	ND	33.58	0.00	693.18
MW-60	726.76	11/9/2020	ND	33.49	0.00	693.27
MW-60	726.76	11/18/2020	ND	33.48	0.00	693.28
MW-60	726.76	11/23/2020	ND	33.33	0.00	693.43
MW-60	726.76	12/7/2020	ND	33.11	0.00	693.65
MW-60	726.76	12/21/2020	ND	33.07	0.00	693.69
MW-60	726.76	12/26/2020	ND	33.08	0.00	693.68
MW-60	726.76	1/19/2021	ND	32.90	0.00	693.86
MW-60	726.76	1/25/2021	ND	32.62	0.00	694.14
MW-60	726.76	2/1/2021	ND	32.64	0.00	694.12
MW-60	726.76	2/8/2021	ND	32.78	0.00	693.98
MW-60	726.76	2/16/2021	ND	32.58	0.00	694.18
MW-60	726.76	2/22/2021	ND	32.30	0.00	694.46
MW-60	726.76	3/4/2021	ND	32.14	0.00	694.62
MW-60	726.76	3/8/2021	ND	32.08	0.00	694.68
MW-60	726.76	3/15/2021	ND	32.07	0.00	694.69
MW-60	726.76	3/22/2021	ND	31.96	0.00	694.80
MW-60	726.76	4/1/2021	ND	31.72	0.00	695.04
MW-60	726.76	4/12/2021	ND	31.42	0.00	695.34
MW-60	726.76	4/19/2021	ND	31.28	0.00	695.48
MW-60	726.76	4/29/2021	ND	31.25	0.00	695.51
MW-60	726.76	5/3/2021	ND	31.23	0.00	695.53
MW-60	726.76	5/10/2021	ND	31.36	0.00	695.40
MW-60	726.76	5/18/2021	ND	31.63	0.00	695.13
MW-60	726.76	5/26/2021	ND	31.72	0.00	695.04
MW-60	726.76	5/31/2021	ND	31.98	0.00	694.78
MW-60	726.76	6/7/2021	ND	31.99	0.00	694.77
MW-60	726.76	6/14/2021	ND	32.23	0.00	694.53
MW-60	726.76	6/21/2021	ND	32.39	0.00	694.37
MW-60	726.76	7/1/2021	ND	32.58	0.00	694.18
MW-60	726.76	7/6/2021	ND	32.77	0.00	693.99
MW-60	726.76	7/14/2021	ND	32.99	0.00	693.77
MW-60	726.46	7/28/2021	ND	33.14	0.00	693.32
MW-60	726.46	8/2/2021	ND	33.40	0.00	693.06
MW-60	726.46	8/16/2021	ND	33.65	0.00	692.81

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-61	746.57	11/9/2020	ND	52.13	0.00	694.44
MW-61	746.57	11/18/2020	NM	NM	NM	NM
MW-61	746.57	11/23/2020	ND	54.01	0.00	692.56
MW-61	746.57	12/7/2020	ND	54.29	0.00	692.28
MW-61	746.57	12/21/2020	ARP	ARP	ARP	ARP
MW-61	746.57	12/26/2020	54.43	54.96	0.53	692.00
MW-61	746.57	1/10/2021	ARP	ARP	ARP	ARP
MW-61	746.57	1/19/2021	ARP	ARP	ARP	ARP
MW-61	746.57	1/25/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/1/2021	54.76	55.03	0.27	691.73
MW-61	746.57	2/8/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/16/2021	ARP	ARP	ARP	ARP
MW-61	746.57	2/22/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/4/2021	54.61	55.37	0.76	691.76
MW-61	746.57	3/8/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/15/2021	ARP	ARP	ARP	ARP
MW-61	746.57	3/22/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/1/2021	54.86	55.06	0.20	691.68
MW-61	746.60	4/12/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/19/2021	ARP	ARP	ARP	ARP
MW-61	746.60	4/29/2021	54.80	55.18	0.38	691.69
MW-61	746.60	5/3/2021	ARP	ARP	ARP	ARP
MW-61	746.60	5/10/2021	ARP	ARP	ARP	ARP
MW-61	746.60	5/18/2021	ARP	ARP	ARP	ARP
MW-61	746.60	5/26/2021	54.83	55.08	0.25	691.70
MW-61	746.60	5/31/2021	ARP	ARP	ARP	ARP
MW-61	746.60	6/7/2021	ARP	ARP	ARP	ARP
MW-61	746.60	6/14/2021	ARP	ARP	ARP	ARP
MW-61	746.60	6/21/2021	ARP	ARP	ARP	ARP
MW-61	746.60	7/1/2021	ND	55.28	0.00	691.32
MW-61	746.60	7/6/2021	ARP	ARP	ARP	ARP
MW-61	746.60	7/14/2021	ND	55.35	0.00	691.25
MW-61	746.60	7/28/2021	55.60	55.61	0.01	691.00
MW-61	746.60	8/16/2021	ARP	ARP	ARP	ARP

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MW-62	729.79	11/23/2020	NM	NM	NM	NM
MW-62	729.79	12/7/2020	ND	36.95	0.00	692.84
MW-62	729.79	12/21/2020	ND	36.91	0.00	692.88
MW-62	729.79	12/26/2020	ND	36.98	0.00	692.81
MW-62	729.79	1/10/2021	ND	36.85	0.00	692.94
MW-62	729.79	1/19/2021	ND	36.76	0.00	693.03
MW-62	729.79	1/25/2021	ND	36.54	0.00	693.25
MW-62	729.79	2/1/2021	ND	36.54	0.00	693.25
MW-62	729.79	2/8/2021	ND	36.61	0.00	693.18
MW-62	729.79	2/16/2021	ND	36.45	0.00	693.34
MW-62	729.79	2/22/2021	ND	36.31	0.00	693.48
MW-62	729.79	3/4/2021	ND	36.13	0.00	693.66
MW-62	729.79	3/8/2021	ND	36.16	0.00	693.63
MW-62	729.79	3/15/2021	ND	36.00	0.00	693.79
MW-62	729.79	3/22/2021	ND	35.87	0.00	693.92
MW-62	729.79	4/1/2021	ND	35.67	0.00	694.12
MW-62	729.79	4/12/2021	ND	35.38	0.00	694.41
MW-62	729.79	4/19/2021	ND	35.23	0.00	694.56
MW-62	729.79	4/29/2021	ND	35.10	0.00	694.69
MW-62	729.79	5/3/2021	ND	35.05	0.00	694.74
MW-62	729.79	5/10/2021	ND	35.80	0.00	693.99
MW-62	729.79	5/18/2021	ND	35.18	0.00	694.61
MW-62	729.79	5/26/2021	ND	35.18	0.00	694.61
MW-62	729.79	5/31/2021	ND	35.32	0.00	694.47
MW-62	729.79	6/7/2021	ND	35.31	0.00	694.48
MW-62	729.79	6/14/2021	ND	35.45	0.00	694.34
MW-62	729.79	6/21/2021	ND	35.55	0.00	694.24
MW-62	729.79	7/1/2021	ND	35.69	0.00	694.10
MW-62	729.79	7/6/2021	ND	36.85	0.00	692.94
MW-62	729.79	7/14/2021	ND	36.04	0.00	693.75
MW-62	729.79	7/28/2021	ND	36.16	0.00	693.63
MW-62	729.79	8/2/2021	ND	36.35	0.00	693.44
MW-62	729.79	8/16/2021	ND	36.56	0.00	693.23

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-63	725.76	11/23/2020	ND	39.44	0.00	686.32
MW-63	725.76	12/7/2020	ND	39.37	0.00	686.39
MW-63	725.76	12/21/2020	ND	39.70	0.00	686.06
MW-63	725.76	12/26/2020	ND	39.69	0.00	686.07
MW-63	725.76	1/10/2021	ND	39.95	0.00	685.81
MW-63	725.76	1/19/2021	ND	40.83	0.00	684.93
MW-63	725.76	1/25/2021	ND	40.88	0.00	684.88
MW-63	725.76	2/1/2021	ND	40.82	0.00	684.94
MW-63	725.76	2/8/2021	ND	41.24	0.00	684.52
MW-63	725.76	2/16/2021	ND	40.90	0.00	684.86
MW-63	725.76	2/22/2021	ND	40.85	0.00	684.91
MW-63	725.76	3/4/2021	ND	40.54	0.00	685.22
MW-63	725.76	3/8/2021	ND	40.70	0.00	685.06
MW-63	725.76	3/15/2021	ND	40.73	0.00	685.03
MW-63	725.76	3/22/2021	ND	40.69	0.00	685.07
MW-63	725.76	4/1/2021	ND	40.43	0.00	685.33
MW-63	725.76	4/12/2021	ND	40.54	0.00	685.22
MW-63	725.76	4/19/2021	ND	45.30	0.00	680.46
MW-63	725.76	4/29/2021	ND	40.24	0.00	685.52
MW-63	725.76	5/3/2021	ND	40.31	0.00	685.45
MW-63	725.76	5/10/2021	ND	40.21	0.00	685.55
MW-63	725.76	5/18/2021	ND	40.28	0.00	685.48
MW-63	725.76	5/26/2021	ND	40.10	0.00	685.66
MW-63	725.76	5/31/2021	ND	40.33	0.00	685.43
MW-63	725.76	6/7/2021	ND	40.49	0.00	685.27
MW-63	725.76	6/14/2021	ND	40.53	0.00	685.23
MW-63	725.76	6/21/2021	ND	40.59	0.00	685.17
MW-63	725.76	7/1/2021	ND	40.55	0.00	685.21
MW-63	725.76	7/6/2021	ND	40.83	0.00	684.93
MW-63	725.76	7/14/2021	ND	40.65	0.00	685.11
MW-63	725.76	7/28/2021	ND	41.15	0.00	684.61
MW-63	725.76	8/2/2021	ND	41.52	0.00	684.24
MW-63	725.76	8/16/2021	ND	41.85	0.00	683.91

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-64	730.39	12/26/2020	ND	38.24	0.00	692.15
MW-64	730.39	1/10/2021	ND	38.30	0.00	692.09
MW-64	730.39	1/19/2021	ND	38.24	0.00	692.15
MW-64	730.39	1/25/2021	ND	38.18	0.00	692.21
MW-64	730.39	2/1/2021	ND	38.24	0.00	692.15
MW-64	730.39	2/8/2021	ND	38.39	0.00	692.00
MW-64	730.39	2/16/2021	ND	38.19	0.00	692.20
MW-64	730.39	2/22/2021	ND	38.14	0.00	692.25
MW-64	730.39	3/4/2021	ND	38.14	0.00	692.25
MW-64	730.39	3/8/2021	ND	38.23	0.00	692.16
MW-64	730.39	3/15/2021	ND	38.12	0.00	692.27
MW-64	730.39	3/22/2021	ND	38.07	0.00	692.32
MW-64	730.39	4/1/2021	ND	37.91	0.00	692.48
MW-64	730.39	4/12/2021	ND	37.86	0.00	692.53
MW-64	730.39	4/19/2021	ND	37.86	0.00	692.53
MW-64	730.39	4/29/2021	ND	37.76	0.00	692.63
MW-64	730.39	5/3/2021	ND	37.69	0.00	692.70
MW-64	730.39	5/10/2021	ND	37.72	0.00	692.67
MW-64	730.39	5/18/2021	ND	37.78	0.00	692.61
MW-64	730.39	5/26/2021	ND	37.79	0.00	692.60
MW-64	730.39	5/31/2021	ND	37.92	0.00	692.47
MW-64	730.39	6/7/2021	ND	37.83	0.00	692.56
MW-64	730.39	6/14/2021	ND	37.92	0.00	692.47
MW-64	730.39	6/21/2021	ND	38.01	0.00	692.38
MW-64	730.39	7/1/2021	ND	38.16	0.00	692.23
MW-64	730.39	7/6/2021	ND	38.27	0.00	692.12
MW-64	730.39	7/14/2021	ND	38.35	0.00	692.04
MW-64	730.39	7/28/2021	ND	38.57	0.00	691.82
MW-64	730.39	8/2/2021	ND	38.71	0.00	691.68
MW-64	730.39	8/16/2021	ND	38.93	0.00	691.46

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-65	714.46	12/26/2020	ND	23.38	0.00	691.08
MW-65	714.46	1/10/2021	ND	23.17	0.00	691.29
MW-65	714.46	1/19/2021	ND	23.11	0.00	691.35
MW-65	714.46	1/25/2021	ND	23.08	0.00	691.38
MW-65	714.46	2/1/2021	ND	23.06	0.00	691.40
MW-65	714.46	2/8/2021	ND	23.08	0.00	691.38
MW-65	714.46	2/16/2021	ND	22.89	0.00	691.57
MW-65	714.46	2/22/2021	ND	22.68	0.00	691.78
MW-65	714.46	3/4/2021	ND	22.45	0.00	692.01
MW-65	714.46	3/8/2021	ND	22.48	0.00	691.98
MW-65	714.46	3/15/2021	ND	22.36	0.00	692.10
MW-65	714.46	3/22/2021	ND	22.31	0.00	692.15
MW-65	714.46	4/1/2021	ND	22.03	0.00	692.43
MW-65	714.46	4/12/2021	ND	21.84	0.00	692.62
MW-65	714.46	4/19/2021	ND	21.87	0.00	692.59
MW-65	714.46	4/29/2021	ND	21.94	0.00	692.52
MW-65	714.46	5/3/2021	ND	21.96	0.00	692.50
MW-65	714.46	5/10/2021	ND	22.08	0.00	692.38
MW-65	714.46	5/18/2021	ND	22.28	0.00	692.18
MW-65	714.46	5/26/2021	ND	22.41	0.00	692.05
MW-65	714.46	5/31/2021	ND	22.56	0.00	691.90
MW-65	714.46	6/7/2021	ND	22.65	0.00	691.81
MW-65	714.46	6/14/2021	ND	22.72	0.00	691.74
MW-65	714.46	6/21/2021	ND	22.85	0.00	691.61
MW-65	714.46	7/1/2021	ND	23.06	0.00	691.40
MW-65	714.46	7/6/2021	ND	23.20	0.00	691.26
MW-65	714.46	7/14/2021	ND	23.39	0.00	691.07
MW-65	714.46	7/28/2021	ND	23.51	0.00	690.95
MW-65	714.46	8/2/2021	ND	23.67	0.00	690.79
MW-65	714.46	8/16/2021	ND	23.91	0.00	690.55

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-66	731.43	12/26/2020	ND	40.59	0.00	690.84
MW-66	731.43	1/10/2021	ND	38.40	0.00	693.03
MW-66	731.43	1/19/2021	ND	38.36	0.00	693.07
MW-66	731.43	1/25/2021	ND	28.38	0.00	703.05
MW-66	731.43	2/1/2021	ND	38.48	0.00	692.95
MW-66	731.43	2/8/2021	ND	38.69	0.00	692.74
MW-66	731.43	2/16/2021	ND	38.49	0.00	692.94
MW-66	731.43	2/22/2021	ND	38.46	0.00	692.97
MW-66	731.43	3/4/2021	ND	38.43	0.00	693.00
MW-66	731.43	3/8/2021	ND	38.54	0.00	692.89
MW-66	731.43	3/15/2021	ND	38.50	0.00	692.93
MW-66	731.43	3/22/2021	ND	38.57	0.00	692.86
MW-66	731.43	4/1/2021	ND	38.46	0.00	692.97
MW-66	731.43	4/12/2021	ND	38.35	0.00	693.08
MW-66	731.43	4/19/2021	ND	38.34	0.00	693.09
MW-66	731.43	4/29/2021	ND	38.28	0.00	693.15
MW-66	731.43	5/3/2021	ND	38.21	0.00	693.22
MW-66	731.43	5/10/2021	ND	38.38	0.00	693.05
MW-66	731.43	5/18/2021	ND	38.58	0.00	692.85
MW-66	731.43	5/26/2021	ND	38.62	0.00	692.81
MW-66	731.43	5/31/2021	ND	38.81	0.00	692.62
MW-66	731.43	6/7/2021	ND	38.82	0.00	692.61
MW-66	731.43	6/14/2021	ND	38.91	0.00	692.52
MW-66	731.43	6/21/2021	ND	38.95	0.00	692.48
MW-66	731.43	7/1/2021	ND	39.22	0.00	692.21
MW-66	731.43	7/6/2021	ND	39.40	0.00	692.03
MW-66	731.43	7/14/2021	ND	39.52	0.00	691.91
MW-66	731.43	7/28/2021	ND	39.78	0.00	691.65
MW-66	731.43	8/2/2021	ND	39.96	0.00	691.47
MW-66	731.43	8/16/2021	ND	40.14	0.00	691.29

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-67	724.32	12/26/2020	ND	32.06	0.00	692.26
MW-67	724.32	1/10/2021	ND	30.96	0.00	693.36
MW-67	724.32	1/19/2021	ND	30.93	0.00	693.39
MW-67	724.32	1/25/2021	ND	30.93	0.00	693.39
MW-67	724.32	2/1/2021	ND	31.02	0.00	693.30
MW-67	724.32	2/8/2021	ND	31.20	0.00	693.12
MW-67	724.32	2/16/2021	ND	31.06	0.00	693.26
MW-67	724.32	2/22/2021	ND	31.00	0.00	693.32
MW-67	724.32	3/4/2021	ND	30.98	0.00	693.34
MW-67	724.32	3/8/2021	ND	31.07	0.00	693.25
MW-67	724.32	3/15/2021	ND	31.02	0.00	693.30
MW-67	724.32	3/22/2021	ND	31.04	0.00	693.28
MW-67	724.32	4/1/2021	ND	30.95	0.00	693.37
MW-67	724.32	4/12/2021	ND	30.77	0.00	693.55
MW-67	724.32	4/19/2021	ND	30.75	0.00	693.57
MW-67	724.32	4/29/2021	ND	30.70	0.00	693.62
MW-67	724.32	5/3/2021	ND	30.65	0.00	693.67
MW-67	724.32	5/10/2021	ND	30.76	0.00	693.56
MW-67	724.32	5/18/2021	ND	31.00	0.00	693.32
MW-67	724.32	5/26/2021	ND	31.08	0.00	693.24
MW-67	724.32	5/31/2021	ND	31.27	0.00	693.05
MW-67	724.32	6/7/2021	ND	31.29	0.00	693.03
MW-67	724.32	6/14/2021	ND	31.42	0.00	692.90
MW-67	724.32	6/21/2021	ND	31.48	0.00	692.84
MW-67	724.32	7/1/2021	ND	31.73	0.00	692.59
MW-67	724.32	7/6/2021	ND	31.90	0.00	692.42
MW-67	724.32	7/14/2021	ND	32.06	0.00	692.26
MW-67	724.32	7/28/2021	ND	32.29	0.00	692.03
MW-67	724.32	8/2/2021	ND	32.45	0.00	691.87
MW-67	724.32	8/16/2021	ND	32.67	0.00	691.65

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-68	731.84	12/26/2020	ND	38.03	0.00	693.81
MW-68	731.84	1/10/2021	ND	38.12	0.00	693.72
MW-68	731.84	1/19/2021	ND	38.09	0.00	693.75
MW-68	731.84	1/25/2021	ND	28.22	0.00	703.62
MW-68	731.84	2/1/2021	ND	38.28	0.00	693.56
MW-68	731.84	2/8/2021	ND	38.55	0.00	693.29
MW-68	731.84	2/16/2021	ND	38.38	0.00	693.46
MW-68	731.84	2/22/2021	ND	38.30	0.00	693.54
MW-68	731.84	3/4/2021	ND	38.28	0.00	693.56
MW-68	731.84	3/8/2021	ND	38.47	0.00	693.37
MW-68	731.84	3/15/2021	ND	38.60	0.00	693.24
MW-68	731.84	3/22/2021	ND	38.63	0.00	693.21
MW-68	731.84	4/1/2021	ND	38.36	0.00	693.48
MW-68	731.84	4/12/2021	ND	38.18	0.00	693.66
MW-68	731.84	4/19/2021	ND	38.19	0.00	693.65
MW-68	731.84	4/29/2021	ND	38.09	0.00	693.75
MW-68	731.84	5/3/2021	ND	38.00	0.00	693.84
MW-68	731.84	5/10/2021	ND	38.29	0.00	693.55
MW-68	731.84	5/18/2021	ND	38.75	0.00	693.09
MW-68	731.84	5/26/2021	ND	38.72	0.00	693.12
MW-68	731.84	5/31/2021	ND	39.13	0.00	692.71
MW-68	731.84	6/7/2021	ND	41.49	0.00	690.35
MW-68	731.84	6/14/2021	ND	39.40	0.00	692.44
MW-68	731.84	6/21/2021	ND	39.15	0.00	692.69
MW-68	731.84	7/1/2021	ND	39.55	0.00	692.29
MW-68	731.84	7/6/2021	ND	40.00	0.00	691.84
MW-68	731.84	7/14/2021	ND	39.95	0.00	691.89
MW-68	731.84	7/28/2021	ND	40.33	0.00	691.51
MW-68	731.84	8/2/2021	ND	40.55	0.00	691.29
MW-68	731.84	8/16/2021	ND	40.73	0.00	691.11

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-69	741.74	12/26/2020	ND	49.96	0.00	691.78
MW-69	741.74	1/10/2021	ND	49.70	0.00	692.04
MW-69	741.74	1/19/2021	ND	50.19	0.00	691.55
MW-69	741.74	1/25/2021	ND	50.17	0.00	691.57
MW-69	741.74	2/1/2021	ND	50.18	0.00	691.56
MW-69	741.74	2/8/2021	ND	50.44	0.00	691.30
MW-69	741.74	2/16/2021	ND	50.12	0.00	691.62
MW-69	741.74	2/22/2021	ND	50.13	0.00	691.61
MW-69	741.74	3/4/2021	ND	50.14	0.00	691.60
MW-69	741.74	3/8/2021	ND	50.29	0.00	691.45
MW-69	741.74	3/15/2021	ND	50.25	0.00	691.49
MW-69	741.74	3/22/2021	ND	50.24	0.00	691.50
MW-69	741.74	4/1/2021	ND	50.19	0.00	691.55
MW-69	741.74	4/12/2021	ND	50.52	0.00	691.22
MW-69	741.74	4/19/2021	ND	50.54	0.00	691.20
MW-69	741.74	4/29/2021	ND	50.15	0.00	691.59
MW-69	741.74	5/3/2021	ND	50.41	0.00	691.33
MW-69	741.74	5/10/2021	ND	50.72	0.00	691.02
MW-69	741.74	5/18/2021	ND	50.50	0.00	691.24
MW-69	741.74	5/26/2021	ND	50.11	0.00	691.63
MW-69	741.74	5/31/2021	ND	50.33	0.00	691.41
MW-69	741.74	6/7/2021	ND	50.38	0.00	691.36
MW-69	741.74	6/14/2021	ND	50.08	0.00	691.66
MW-69	741.74	6/21/2021	ND	50.56	0.00	691.18
MW-69	741.74	7/1/2021	ND	50.31	0.00	691.43
MW-69	741.74	7/6/2021	ND	50.45	0.00	691.29
MW-69	741.74	7/14/2021	ND	50.48	0.00	691.26
MW-69	741.74	7/28/2021	ND	50.81	0.00	690.93
MW-69	741.74	8/2/2021	ND	51.21	0.00	690.53
MW-69	741.74	8/16/2021	ND	51.29	0.00	690.45

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-70	728.08	12/26/2020	ND	35.82	0.00	692.26
MW-70	728.08	1/10/2021	ND	35.83	0.00	692.25
MW-70	728.08	1/19/2021	ND	35.86	0.00	692.22
MW-70	728.08	1/25/2021	ND	35.82	0.00	692.26
MW-70	728.08	2/1/2021	ND	35.85	0.00	692.23
MW-70	728.08	2/8/2021	ND	36.01	0.00	692.07
MW-70	728.08	2/16/2021	ND	35.82	0.00	692.26
MW-70	728.08	2/22/2021	ND	35.79	0.00	692.29
MW-70	728.08	3/4/2021	ND	35.76	0.00	692.32
MW-70	728.08	3/8/2021	ND	35.85	0.00	692.23
MW-70	728.08	3/15/2021	ND	35.75	0.00	692.33
MW-70	728.08	3/22/2021	ND	35.70	0.00	692.38
MW-70	728.08	4/1/2021	ND	35.59	0.00	692.49
MW-70	728.08	4/12/2021	ND	35.53	0.00	692.55
MW-70	728.08	4/19/2021	ND	35.53	0.00	692.55
MW-70	728.08	4/29/2021	ND	35.42	0.00	692.66
MW-70	728.08	5/3/2021	ND	35.36	0.00	692.72
MW-70	728.08	5/10/2021	ND	35.41	0.00	692.67
MW-70	728.08	5/18/2021	ND	35.45	0.00	692.63
MW-70	728.08	5/26/2021	ND	35.48	0.00	692.60
MW-70	728.08	5/31/2021	ND	35.63	0.00	692.45
MW-70	728.08	6/7/2021	ND	35.50	0.00	692.58
MW-70	728.08	6/14/2021	ND	35.62	0.00	692.46
MW-70	728.08	6/21/2021	ND	35.71	0.00	692.37
MW-70	728.08	7/1/2021	ND	35.87	0.00	692.21
MW-70	728.08	7/6/2021	ND	35.98	0.00	692.10
MW-70	728.08	7/14/2021	ND	36.10	0.00	691.98
MW-70	728.08	7/28/2021	ND	36.32	0.00	691.76
MW-70	728.08	8/2/2021	ND	36.46	0.00	691.62
MW-70	728.08	8/16/2021	ND	36.65	0.00	691.43

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-71	746.97	1/19/2021	ND	52.15	0.00	694.82
MW-71	746.97	1/25/2021	ND	55.34	0.00	691.63
MW-71	746.97	2/1/2021	ND	55.33	0.00	691.64
MW-71	746.97	2/8/2021	ND	55.61	0.00	691.36
MW-71	746.97	2/16/2021	ND	55.31	0.00	691.66
MW-71	746.97	2/22/2021	ND	55.25	0.00	691.72
MW-71	746.97	3/4/2021	ND	55.26	0.00	691.71
MW-71	746.97	3/8/2021	ND	55.40	0.00	691.57
MW-71	746.97	3/15/2021	ND	55.42	0.00	691.55
MW-71	746.97	3/22/2021	ND	55.41	0.00	691.56
MW-71	746.97	4/1/2021	ND	55.36	0.00	691.61
MW-71	746.97	4/12/2021	ND	55.46	0.00	691.51
MW-71	746.97	4/19/2021	ND	55.47	0.00	691.50
MW-71	746.97	4/29/2021	ND	55.32	0.00	691.65
MW-71	746.97	5/3/2021	ND	55.37	0.00	691.60
MW-71	746.97	5/10/2021	ND	55.51	0.00	691.46
MW-71	746.97	5/18/2021	ND	55.46	0.00	691.51
MW-71	746.97	5/26/2021	ND	55.32	0.00	691.65
MW-71	746.97	5/31/2021	ND	55.44	0.00	691.53
MW-71	746.97	6/7/2021	ND	55.48	0.00	691.49
MW-71	746.97	6/14/2021	ND	55.32	0.00	691.65
MW-71	746.97	6/21/2021	ND	55.56	0.00	691.41
MW-71	746.97	7/1/2021	ND	55.58	0.00	691.39
MW-71	746.97	7/6/2021	ND	55.74	0.00	691.23
MW-71	746.97	7/14/2021	ND	55.72	0.00	691.25
MW-71	746.97	7/28/2021	ND	56.06	0.00	690.91
MW-71	746.97	8/2/2021	ND	56.24	0.00	690.73
MW-71	746.97	8/16/2021	ND	56.39	0.00	690.58

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-72	734.81	1/19/2021	ND	43.87	0.00	690.94
MW-72	734.81	1/25/2021	ND	45.33	0.00	689.48
MW-72	734.81	2/1/2021	ND	45.43	0.00	689.38
MW-72	734.81	2/8/2021	ND	45.64	0.00	689.17
MW-72	734.81	2/16/2021	ND	45.53	0.00	689.28
MW-72	734.81	2/22/2021	ND	45.43	0.00	689.38
MW-72	734.81	3/4/2021	ND	45.45	0.00	689.36
MW-72	734.81	3/8/2021	ND	45.58	0.00	689.23
MW-72	734.81	3/15/2021	ND	45.53	0.00	689.28
MW-72	734.81	3/22/2021	ND	45.51	0.00	689.30
MW-72	734.81	4/1/2021	ND	45.46	0.00	689.35
MW-72	734.81	4/12/2021	45.29	45.70	0.41	689.41
MW-72	734.81	4/19/2021	45.16	45.71	0.55	689.50
MW-72	734.81	4/29/2021	ND	47.81	0.00	687.00
MW-72	734.81	5/3/2021	ND	44.74	0.00	690.07
MW-72	734.81	5/10/2021	ARP	ARP	ARP	ARP
MW-72	734.81	5/18/2021	ARP	ARP	ARP	ARP
MW-72	734.81	5/26/2021	42.34	42.57	0.23	692.41
MW-72	734.81	5/31/2021	ARP	ARP	ARP	ARP
MW-72	734.81	6/7/2021	ARP	ARP	ARP	ARP
MW-72	734.81	6/14/2021	ARP	ARP	ARP	ARP
MW-72	734.81	6/21/2021	ARP	ARP	ARP	ARP
MW-72	734.81	7/1/2021	42.53	42.73	0.20	692.23
MW-72	734.81	7/6/2021	ARP	ARP	ARP	ARP
MW-72	734.81	7/14/2021	42.59	43.08	0.49	692.09
MW-72	734.81	7/28/2021	43.02	43.21	0.19	691.74
MW-72	734.81	8/16/2021	ARP	ARP	ARP	ARP

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-73	726.44	1/25/2021	ND	32.67	0.00	693.77
MW-73	726.44	2/1/2021	ND	32.68	0.00	693.76
MW-73	726.44	2/8/2021	ND	32.75	0.00	693.69
MW-73	726.44	2/16/2021	ND	32.54	0.00	693.90
MW-73	726.44	2/22/2021	ND	32.17	0.00	694.27
MW-73	726.44	3/4/2021	ND	31.94	0.00	694.50
MW-73	726.44	3/8/2021	ND	31.99	0.00	694.45
MW-73	726.44	3/15/2021	ND	31.86	0.00	694.58
MW-73	726.44	3/22/2021	ND	31.71	0.00	694.73
MW-73	726.44	4/1/2021	ND	31.39	0.00	695.05
MW-73	726.44	4/12/2021	ND	31.07	0.00	695.37
MW-73	726.44	4/19/2021	ND	30.97	0.00	695.47
MW-73	726.44	4/29/2021	ND	30.97	0.00	695.47
MW-73	726.44	5/3/2021	ND	30.98	0.00	695.46
MW-73	726.44	5/10/2021	ND	31.12	0.00	695.32
MW-73	726.44	5/18/2021	ND	31.38	0.00	695.06
MW-73	726.44	5/26/2021	ND	31.48	0.00	694.96
MW-73	726.44	5/31/2021	ND	31.71	0.00	694.73
MW-73	726.44	6/7/2021	ND	31.75	0.00	694.69
MW-73	726.44	6/14/2021	ND	31.98	0.00	694.46
MW-73	726.44	6/21/2021	ND	32.15	0.00	694.29
MW-73	726.44	7/1/2021	ND	32.34	0.00	694.10
MW-73	726.44	7/6/2021	ND	32.55	0.00	693.89
MW-73	726.44	7/14/2021	ND	32.75	0.00	693.69
MW-73	726.44	7/28/2021	ND	32.92	0.00	693.52
MW-73	726.44	8/2/2021	ND	33.14	0.00	693.30
MW-73	726.44	8/16/2021	ND	33.42	0.00	693.02
MW-74	713.48	2/16/2021	ND	20.72	0.00	692.76
MW-74	713.48	2/22/2021	ND	20.44	0.00	693.04
MW-74	713.48	3/4/2021	ND	20.26	0.00	693.22
MW-74	713.48	3/8/2021	ND	20.37	0.00	693.11
MW-74	713.48	3/15/2021	ND	20.25	0.00	693.23
MW-74	713.48	3/22/2021	ND	20.03	0.00	693.45
MW-74	713.48	4/1/2021	ND	19.72	0.00	693.76
MW-74	713.48	4/12/2021	ND	19.52	0.00	693.96
MW-74	713.48	4/19/2021	ND	19.52	0.00	693.96
MW-74	713.48	4/29/2021	ND	19.54	0.00	693.94
MW-74	713.48	5/3/2021	ND	19.54	0.00	693.94
MW-74	713.48	5/10/2021	ND	19.75	0.00	693.73
MW-74	713.48	5/18/2021	ND	30.07	0.00	683.41
MW-74	713.48	5/26/2021	ND	20.15	0.00	693.33
MW-74	713.48	5/31/2021	ND	20.43	0.00	693.05
MW-74	713.48	6/7/2021	ND	20.42	0.00	693.06
MW-74	713.48	6/14/2021	ND	20.64	0.00	692.84
MW-74	713.48	6/21/2021	ND	20.80	0.00	692.68
MW-74	713.48	7/1/2021	ND	20.99	0.00	692.49
MW-74	713.48	7/6/2021	ND	21.18	0.00	692.30
MW-74	713.48	7/14/2021	ND	21.39	0.00	692.09
MW-74	713.48	7/28/2021	ND	21.56	0.00	691.92
MW-74	713.48	8/2/2021	ND	21.70	0.00	691.78
MW-74	713.48	8/16/2021	ND	22.00	0.00	691.48

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-75	730.05	2/16/2021	ND	37.92	0.00	692.13
MW-75	730.05	2/22/2021	ND	37.88	0.00	692.17
MW-75	730.05	3/4/2021	ND	37.86	0.00	692.19
MW-75	730.05	3/8/2021	ND	37.97	0.00	692.08
MW-75	730.05	3/15/2021	ND	37.88	0.00	692.17
MW-75	730.05	3/22/2021	ND	37.87	0.00	692.18
MW-75	730.05	4/1/2021	ND	37.80	0.00	692.25
MW-75	730.05	4/12/2021	ND	37.73	0.00	692.32
MW-75	730.05	4/19/2021	ND	37.73	0.00	692.32
MW-75	730.05	4/29/2021	ND	37.64	0.00	692.41
MW-75	730.05	5/3/2021	ND	37.61	0.00	692.44
MW-75	730.05	5/10/2021	ND	37.69	0.00	692.36
MW-75	730.05	5/18/2021	ND	37.77	0.00	692.28
MW-75	730.05	5/26/2021	ND	37.73	0.00	692.32
MW-75	730.05	5/31/2021	ND	37.86	0.00	692.19
MW-75	730.05	6/7/2021	ND	37.81	0.00	692.24
MW-75	730.05	6/14/2021	ND	37.82	0.00	692.23
MW-75	730.05	6/21/2021	ND	37.94	0.00	692.11
MW-75	730.05	7/1/2021	ND	38.09	0.00	691.96
MW-75	730.05	7/6/2021	ND	38.20	0.00	691.85
MW-75	730.05	7/14/2021	ND	38.30	0.00	691.75
MW-75	730.05	7/28/2021	ND	38.52	0.00	691.53
MW-75	730.05	8/2/2021	ND	38.69	0.00	691.36
MW-75	730.05	8/16/2021	ND	38.87	0.00	691.18
MW-76	723.94	2/16/2021	ND	29.60	0.00	694.34
MW-76	723.94	2/22/2021	ND	29.21	0.00	694.73
MW-76	723.94	3/4/2021	ND	28.94	0.00	695.00
MW-76	723.94	3/8/2021	ND	28.98	0.00	694.96
MW-76	723.94	3/15/2021	ND	28.93	0.00	695.01
MW-76	723.94	3/22/2021	ND	28.83	0.00	695.11
MW-76	723.94	4/1/2021	ND	28.46	0.00	695.48
MW-76	723.94	4/12/2021	ND	28.19	0.00	695.75
MW-76	723.94	4/19/2021	ND	28.17	0.00	695.77
MW-76	723.94	4/29/2021	ND	28.27	0.00	695.67
MW-76	723.94	5/3/2021	ND	28.31	0.00	695.63
MW-76	723.94	5/10/2021	ND	28.45	0.00	695.49
MW-76	723.94	5/18/2021	ND	28.75	0.00	695.19
MW-76	723.94	5/26/2021	ND	28.92	0.00	695.02
MW-76	723.94	5/31/2021	ND	29.14	0.00	694.80
MW-76	723.94	6/7/2021	ND	29.24	0.00	694.70
MW-76	723.94	6/14/2021	ND	29.48	0.00	694.46
MW-76	723.94	6/21/2021	ND	29.66	0.00	694.28
MW-76	723.94	7/1/2021	ND	29.90	0.00	694.04
MW-76	723.94	7/6/2021	ND	30.08	0.00	693.86
MW-76	723.94	7/14/2021	ND	30.30	0.00	693.64
MW-76	723.94	7/28/2021	ND	30.49	0.00	693.45
MW-76	723.94	8/2/2021	ND	30.70	0.00	693.24
MW-76	723.94	8/16/2021	ND	30.98	0.00	692.96

Table 3
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-77	722.70	3/4/2021	ND	28.78	0.00	693.92
MW-77	722.70	3/8/2021	ND	28.85	0.00	693.85
MW-77	722.70	3/15/2021	ND	28.78	0.00	693.92
MW-77	722.70	3/22/2021	ND	28.74	0.00	693.96
MW-77	722.70	4/1/2021	ND	28.66	0.00	694.04
MW-77	722.70	4/12/2021	ND	28.52	0.00	694.18
MW-77	722.70	4/19/2021	ND	28.46	0.00	694.24
MW-77	722.70	4/29/2021	ND	28.39	0.00	694.31
MW-77	722.70	5/3/2021	ND	28.36	0.00	694.34
MW-77	722.70	5/10/2021	ND	28.36	0.00	694.34
MW-77	722.70	5/18/2021	ND	28.42	0.00	694.28
MW-77	722.70	5/26/2021	ND	28.38	0.00	694.32
MW-77	722.70	5/31/2021	ND	28.49	0.00	694.21
MW-77	722.70	6/7/2021	ND	28.42	0.00	694.28
MW-77	722.70	6/14/2021	ND	28.46	0.00	694.24
MW-77	722.70	6/21/2021	ND	28.49	0.00	694.21
MW-77	722.70	7/1/2021	ND	28.54	0.00	694.16
MW-77	722.70	7/6/2021	ND	28.61	0.00	694.09
MW-77	722.70	7/14/2021	ND	28.69	0.00	694.01
MW-77	722.70	7/28/2021	ND	28.66	0.00	694.04
MW-77	722.70	8/2/2021	ND	28.73	0.00	693.97
MW-77	722.70	8/16/2021	ND	28.80	0.00	693.90
MW-78	725.08	3/4/2021	ND	33.02	0.00	692.06
MW-78	725.08	3/8/2021	ND	33.07	0.00	692.01
MW-78	725.08	3/15/2021	ND	33.00	0.00	692.08
MW-78	725.08	3/22/2021	ND	32.92	0.00	692.16
MW-78	725.08	4/1/2021	ND	32.83	0.00	692.25
MW-78	725.08	4/12/2021	ND	32.69	0.00	692.39
MW-78	725.08	4/19/2021	ND	32.60	0.00	692.48
MW-78	725.08	4/29/2021	ND	32.46	0.00	692.62
MW-78	725.08	5/3/2021	ND	32.42	0.00	692.66
MW-78	725.08	5/10/2021	ND	32.42	0.00	692.66
MW-78	725.08	5/18/2021	ND	32.45	0.00	692.63
MW-78	725.08	5/26/2021	ND	32.40	0.00	692.68
MW-78	725.08	5/31/2021	ND	32.50	0.00	692.58
MW-78	725.08	6/7/2021	ND	32.50	0.00	692.58
MW-78	725.08	6/14/2021	ND	32.49	0.00	692.59
MW-78	725.08	6/21/2021	ND	32.55	0.00	692.53
MW-78	725.08	7/1/2021	ND	32.64	0.00	692.44
MW-78	725.08	7/6/2021	ND	32.75	0.00	692.33
MW-78	725.08	7/14/2021	ND	32.87	0.00	692.21
MW-78	725.08	7/28/2021	ND	32.93	0.00	692.15
MW-78	725.08	8/2/2021	ND	33.04	0.00	692.04
MW-78	725.08	8/16/2021	ND	33.19	0.00	691.89

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-79	721.56	3/4/2021	ND	27.60	0.00	693.96
MW-79	721.56	3/8/2021	ND	27.66	0.00	693.90
MW-79	721.56	3/15/2021	ND	27.60	0.00	693.96
MW-79	721.56	3/22/2021	ND	27.50	0.00	694.06
MW-79	721.56	4/1/2021	ND	27.45	0.00	694.11
MW-79	721.56	4/12/2021	ND	27.31	0.00	694.25
MW-79	721.56	4/19/2021	ND	27.27	0.00	694.29
MW-79	721.56	4/29/2021	ND	27.22	0.00	694.34
MW-79	721.56	5/3/2021	ND	27.19	0.00	694.37
MW-79	721.56	5/10/2021	ND	27.20	0.00	694.36
MW-79	721.56	5/18/2021	ND	27.24	0.00	694.32
MW-79	721.56	5/26/2021	ND	27.21	0.00	694.35
MW-79	721.56	5/31/2021	ND	27.34	0.00	694.22
MW-79	721.56	6/7/2021	ND	27.25	0.00	694.31
MW-79	721.56	6/14/2021	ND	27.28	0.00	694.28
MW-79	721.56	6/21/2021	ND	27.30	0.00	694.26
MW-79	721.56	7/1/2021	ND	27.35	0.00	694.21
MW-79	721.56	7/6/2021	ND	27.42	0.00	694.14
MW-79	721.56	7/14/2021	ND	27.49	0.00	694.07
MW-79	721.56	7/28/2021	ND	27.44	0.00	694.12
MW-79	721.56	8/2/2021	ND	27.52	0.00	694.04
MW-79	721.56	8/16/2021	ND	27.59	0.00	693.97
MW-80	722.65	3/4/2021	ND	28.76	0.00	693.89
MW-80	722.65	3/8/2021	ND	28.81	0.00	693.84
MW-80	722.65	3/15/2021	ND	28.72	0.00	693.93
MW-80	722.65	3/22/2021	ND	28.65	0.00	694.00
MW-80	722.65	4/1/2021	ND	28.57	0.00	694.08
MW-80	722.65	4/12/2021	ND	28.41	0.00	694.24
MW-80	722.65	4/19/2021	ND	28.31	0.00	694.34
MW-80	722.65	4/29/2021	ND	28.22	0.00	694.43
MW-80	722.65	5/3/2021	ND	NM	NM	NM
MW-80	722.65	5/10/2021	ND	28.20	0.00	694.45
MW-80	722.65	5/18/2021	ND	28.24	0.00	694.41
MW-80	722.65	5/26/2021	ND	28.19	0.00	694.46
MW-80	722.65	5/31/2021	ND	28.31	0.00	694.34
MW-80	722.65	6/7/2021	ND	28.20	0.00	694.45
MW-80	722.65	6/14/2021	ND	28.25	0.00	694.40
MW-80	722.65	6/21/2021	ND	28.29	0.00	694.36
MW-80	722.65	7/1/2021	ND	28.34	0.00	694.31
MW-80	722.65	7/6/2021	ND	28.42	0.00	694.23
MW-80	722.65	7/14/2021	ND	28.52	0.00	694.13
MW-80	722.65	7/28/2021	ND	28.48	0.00	694.17
MW-80	722.65	8/2/2021	ND	28.60	0.00	694.05
MW-80	722.65	8/16/2021	ND	28.68	0.00	693.97

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-81	723.10	3/4/2021	ND	30.33	0.00	692.77
MW-81	723.10	3/8/2021	ND	30.34	0.00	692.76
MW-81	723.10	3/15/2021	ND	30.19	0.00	692.91
MW-81	723.10	3/22/2021	ND	30.09	0.00	693.01
MW-81	723.10	4/1/2021	ND	29.99	0.00	693.11
MW-81	723.10	4/12/2021	ND	29.79	0.00	693.31
MW-81	723.10	4/19/2021	ND	29.66	0.00	693.44
MW-81	723.10	4/29/2021	ND	29.50	0.00	693.60
MW-81	723.10	5/3/2021	ND	29.43	0.00	693.67
MW-81	722.83	5/10/2021	ND	29.38	0.00	693.45
MW-81	722.83	5/18/2021	ND	29.11	0.00	693.72
MW-81	722.83	5/26/2021	ND	29.04	0.00	693.79
MW-81	722.83	5/31/2021	ND	29.13	0.00	693.70
MW-81	722.83	6/7/2021	ND	29.04	0.00	693.79
MW-81	722.83	6/14/2021	ND	29.11	0.00	693.72
MW-81	722.83	6/21/2021	ND	29.16	0.00	693.67
MW-81	722.83	7/1/2021	ND	28.27	0.00	694.56
MW-81	722.83	7/6/2021	ND	29.37	0.00	693.46
MW-81	722.83	7/14/2021	ND	29.51	0.00	693.32
MW-81	722.83	7/28/2021	ND	29.60	0.00	693.23
MW-81	722.83	8/2/2021	ND	29.76	0.00	693.07
MW-81	722.83	8/16/2021	ND	29.90	0.00	692.93
MW-82	724.48	3/4/2021	ND	32.38	0.00	692.10
MW-82	724.48	3/8/2021	ND	32.39	0.00	692.09
MW-82	724.48	3/15/2021	ND	32.25	0.00	692.23
MW-82	724.48	3/22/2021	ND	32.04	0.00	692.44
MW-82	724.48	4/1/2021	ND	31.86	0.00	692.62
MW-82	724.48	4/12/2021	ND	32.54	0.00	691.94
MW-82	724.48	4/19/2021	ND	31.35	0.00	693.13
MW-82	724.48	4/29/2021	ND	31.24	0.00	693.24
MW-82	724.48	5/3/2021	ND	31.18	0.00	693.30
MW-82	724.27	5/10/2021	ND	31.17	0.00	693.10
MW-82	724.27	5/18/2021	ND	31.06	0.00	693.21
MW-82	724.27	5/26/2021	ND	31.09	0.00	693.18
MW-82	724.28	5/31/2021	ND	31.24	0.00	693.04
MW-82	724.28	6/7/2021	ND	31.25	0.00	693.03
MW-82	724.28	6/14/2021	ND	31.42	0.00	692.86
MW-82	724.28	6/21/2021	ND	31.55	0.00	692.73
MW-82	724.28	7/1/2021	ND	31.76	0.00	692.52
MW-82	724.28	7/6/2021	ND	31.92	0.00	692.36
MW-82	724.28	7/14/2021	ND	32.09	0.00	692.19
MW-82	724.28	7/28/2021	ND	32.31	0.00	691.97
MW-82	724.28	8/2/2021	ND	32.51	0.00	691.77
MW-82	724.28	8/16/2021	ND	32.73	0.00	691.55

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-83	724.91	3/8/2021	ND	32.77	0.00	692.14
MW-83	724.91	3/15/2021	ND	30.63	0.00	694.28
MW-83	724.91	3/22/2021	ND	31.63	0.00	693.28
MW-83	724.91	4/1/2021	ND	30.58	0.00	694.33
MW-83	724.91	4/12/2021	ND	30.32	0.00	694.59
MW-83	724.91	4/19/2021	ND	30.24	0.00	694.67
MW-83	724.91	4/29/2021	ND	30.22	0.00	694.69
MW-83	724.91	5/3/2021	ND	30.22	0.00	694.69
MW-83	724.91	5/10/2021	ND	30.33	0.00	694.58
MW-83	724.91	5/18/2021	ND	30.38	0.00	694.53
MW-83	724.91	5/26/2021	ND	30.36	0.00	694.55
MW-83	724.91	5/31/2021	ND	30.33	0.00	694.58
MW-83	724.91	6/7/2021	ND	30.45	0.00	694.46
MW-83	724.91	6/14/2021	ND	30.45	0.00	694.46
MW-83	724.91	6/21/2021	ND	30.40	0.00	694.51
MW-83	724.91	7/1/2021	ND	30.65	0.00	694.26
MW-83	724.91	7/6/2021	ND	30.79	0.00	694.12
MW-83	724.91	7/14/2021	ND	30.87	0.00	694.04
MW-83	724.91	7/28/2021	ND	31.08	0.00	693.83
MW-83	724.91	8/2/2021	ND	31.23	0.00	693.68
MW-83	724.91	8/16/2021	ND	31.36	0.00	693.55
MW-84	723.99	3/8/2021	ND	31.37	0.00	692.62
MW-84	723.99	3/15/2021	ND	29.60	0.00	694.39
MW-84	723.99	3/22/2021	ND	29.60	0.00	694.39
MW-84	723.99	4/1/2021	ND	29.52	0.00	694.47
MW-84	723.99	4/12/2021	ND	29.33	0.00	694.66
MW-84	723.99	4/19/2021	ND	29.25	0.00	694.74
MW-84	723.99	4/29/2021	ND	29.21	0.00	694.78
MW-84	723.99	5/3/2021	ND	29.18	0.00	694.81
MW-84	723.99	5/10/2021	ND	29.23	0.00	694.76
MW-84	723.99	5/18/2021	ND	29.38	0.00	694.61
MW-84	723.99	5/26/2021	ND	29.33	0.00	694.66
MW-84	723.99	5/31/2021	ND	29.42	0.00	694.57
MW-84	723.99	6/7/2021	ND	29.43	0.00	694.56
MW-84	723.99	6/14/2021	ND	29.44	0.00	694.55
MW-84	723.99	6/21/2021	ND	29.39	0.00	694.60
MW-84	723.99	7/1/2021	ND	29.51	0.00	694.48
MW-84	723.99	7/6/2021	ND	29.67	0.00	694.32
MW-84	723.99	7/14/2021	ND	29.75	0.00	694.24
MW-84	723.99	7/28/2021	ND	29.87	0.00	694.12
MW-84	723.99	8/2/2021	ND	29.98	0.00	694.01
MW-84	723.99	8/16/2021	ND	30.06	0.00	693.93

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-85	727.75	3/11/2021	31.56	37.17	5.61	694.69
MW-85	727.75	3/15/2021	31.38	37.60	6.22	694.70
MW-85	727.75	3/22/2021	32.39	37.59	5.20	693.97
MW-85	725.67	4/1/2021	25.09	35.52	10.43	697.79
MW-85	725.67	4/12/2021	28.85	34.99	6.14	695.18
MW-85	725.67	4/19/2021	28.75	34.99	6.24	695.25
MW-85	725.67	4/29/2021	28.91	33.22	4.31	695.61
MW-85	725.67	5/3/2021	ARP	ARP	ARP	ARP
MW-85	725.67	5/10/2021	ARP	ARP	ARP	ARP
MW-85	725.67	5/18/2021	ARP	ARP	ARP	ARP
MW-85	725.67	5/26/2021	29.54	32.92	3.38	695.23
MW-85	725.67	5/31/2021	ARP	ARP	ARP	ARP
MW-85	725.67	6/7/2021	ARP	ARP	ARP	ARP
MW-85	725.67	6/14/2021	ARP	ARP	ARP	ARP
MW-85	725.67	6/21/2021	ARP	ARP	ARP	ARP
MW-85	725.67	7/1/2021	29.99	32.97	2.98	694.88
MW-85	725.67	7/6/2021	ARP	ARP	ARP	ARP
MW-85	725.67	7/14/2021	30.27	33.03	2.76	694.66
MW-85	725.67	7/28/2021	30.90	31.45	0.55	694.62
MW-85	725.67	8/16/2021	ARP	ARP	ARP	ARP
MW-86	724.28	3/22/2021	ND	29.58	0.00	694.70
MW-86	724.28	4/1/2021	ND	29.26	0.00	695.02
MW-86	724.28	4/12/2021	ND	28.93	0.00	695.35
MW-86	724.28	4/19/2021	ND	28.85	0.00	695.43
MW-86	724.28	4/29/2021	ND	28.86	0.00	695.42
MW-86	724.28	5/3/2021	ND	28.88	0.00	695.40
MW-86	724.28	5/10/2021	ND	29.00	0.00	695.28
MW-86	724.28	5/18/2021	ND	29.24	0.00	695.04
MW-86	724.28	5/26/2021	ND	29.36	0.00	694.92
MW-86	724.28	5/31/2021	ND	29.60	0.00	694.68
MW-86	724.28	6/7/2021	ND	29.63	0.00	694.65
MW-86	724.28	6/14/2021	ND	29.85	0.00	694.43
MW-86	724.28	6/21/2021	ND	30.02	0.00	694.26
MW-86	724.28	7/1/2021	ND	30.24	0.00	694.04
MW-86	724.28	7/6/2021	ND	30.43	0.00	693.85
MW-86	724.28	7/14/2021	ND	30.64	0.00	693.64
MW-86	724.28	7/28/2021	ND	30.82	0.00	693.46
MW-86	724.28	8/2/2021	ND	31.04	0.00	693.24
MW-86	724.28	8/16/2021	ND	31.31	0.00	692.97

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-87	734.39	4/29/2021	ND	45.13	0.00	689.26
MW-87	734.39	5/3/2021	ND	45.02	0.00	689.37
MW-87	734.39	5/10/2021	ND	45.01	0.00	689.38
MW-87	734.39	5/18/2021	ND	44.99	0.00	689.40
MW-87	734.39	5/26/2021	ND	45.00	0.00	689.39
MW-87	734.39	5/31/2021	ND	45.03	0.00	689.36
MW-87	734.39	6/7/2021	ND	45.09	0.00	689.30
MW-87	734.39	6/14/2021	ND	45.03	0.00	689.36
MW-87	734.39	6/21/2021	ND	45.08	0.00	689.31
MW-87	734.39	7/1/2021	ND	45.15	0.00	689.24
MW-87	734.39	7/6/2021	ND	45.25	0.00	689.14
MW-87	734.39	7/14/2021	ND	45.32	0.00	689.07
MW-87	734.39	7/28/2021	ND	45.62	0.00	688.77
MW-87	734.39	8/2/2021	ND	45.81	0.00	688.58
MW-87	734.39	8/16/2021	ND	46.06	0.00	688.33
MW-88	731.93	4/29/2021	ND	42.88	0.00	689.05
MW-88	731.93	5/3/2021	ND	42.85	0.00	689.08
MW-88	731.93	5/10/2021	ND	42.81	0.00	689.12
MW-88	731.93	5/18/2021	ND	42.78	0.00	689.15
MW-88	731.93	5/26/2021	ND	42.76	0.00	689.17
MW-88	731.93	5/31/2021	ND	42.80	0.00	689.13
MW-88	731.93	6/7/2021	ND	42.82	0.00	689.11
MW-88	731.93	6/14/2021	ND	42.81	0.00	689.12
MW-88	731.93	6/21/2021	ND	42.85	0.00	689.08
MW-88	731.93	7/1/2021	ND	42.96	0.00	688.97
MW-88	731.93	7/6/2021	ND	43.03	0.00	688.90
MW-88	731.93	7/14/2021	ND	43.11	0.00	688.82
MW-88	731.93	7/28/2021	ND	43.68	0.00	688.25
MW-88	731.93	8/2/2021	ND	43.57	0.00	688.36
MW-88	731.93	8/16/2021	ND	43.84	0.00	688.09

Table 3
Summary of Monitoring Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-89	734.67	4/29/2021	NM	NM	NM	NM
MW-89	734.67	5/3/2021	ND	45.06	0.00	689.61
MW-89	734.67	5/10/2021	ND	45.03	0.00	689.64
MW-89	734.67	5/18/2021	ND	44.97	0.00	689.70
MW-89	734.67	5/26/2021	ND	44.98	0.00	689.69
MW-89	734.67	5/31/2021	ND	45.01	0.00	689.66
MW-89	734.67	6/7/2021	ND	45.02	0.00	689.65
MW-89	734.67	6/14/2021	ND	45.01	0.00	689.66
MW-89	734.67	6/21/2021	ND	45.07	0.00	689.60
MW-89	734.67	7/1/2021	ND	45.15	0.00	689.52
MW-89	734.67	7/6/2021	ND	45.24	0.00	689.43
MW-89	734.67	7/14/2021	ND	45.29	0.00	689.38
MW-89	734.67	7/28/2021	ND	45.59	0.00	689.08
MW-89	734.67	8/2/2021	ND	45.78	0.00	688.89
MW-89	734.67	8/16/2021	ND	46.04	0.00	688.63
MW-92	745.56	6/14/2021	ND	54.21	0.00	691.35
MW-92	745.56	6/21/2021	ND	54.85	0.00	690.71
MW-92	745.56	7/1/2021	ND	54.41	0.00	691.15
MW-92	745.56	7/6/2021	ND	54.50	0.00	691.06
MW-92	745.56	7/14/2021	ND	54.50	0.00	691.06
MW-92	745.56	7/28/2021	ND	54.79	0.00	690.77
MW-92	745.56	8/2/2021	ND	54.96	0.00	690.60
MW-92	745.56	8/16/2021	ND	55.13	0.00	690.43
MW-93	744.05	6/14/2021	ND	52.40	0.00	691.65
MW-93	744.05	6/21/2021	ND	52.55	0.00	691.50
MW-93	744.05	7/1/2021	ND	52.57	0.00	691.48
MW-93	744.05	7/6/2021	ND	52.68	0.00	691.37
MW-93	744.05	7/14/2021	ND	52.72	0.00	691.33
MW-93	744.05	7/28/2021	ND	52.98	0.00	691.07
MW-93	744.05	8/2/2021	ND	53.17	0.00	690.88
MW-93	744.05	8/16/2021	ND	53.31	0.00	690.74

Table 3
Summary of Monitoring Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
Bedrock Unit Monitoring Wells						
MW-07D	711.73	12/21/2020	ND	29.38	0.00	682.35
MW-07D	711.73	12/26/2020	ND	29.37	0.00	682.36
MW-07D	711.73	1/10/2021	NM	NM	NM	NM
MW-07D	711.73	1/19/2021	ND	29.83	0.00	681.90
MW-07D	711.73	1/25/2021	ND	29.76	0.00	681.97
MW-07D	711.73	2/1/2021	ND	29.82	0.00	681.91
MW-07D	711.73	2/8/2021	ND	29.94	0.00	681.79
MW-07D	711.73	2/16/2021	ND	29.66	0.00	682.07
MW-07D	711.73	2/22/2021	ND	29.40	0.00	682.33
MW-07D	711.73	3/4/2021	ND	29.19	0.00	682.54
MW-07D	711.73	3/8/2021	ND	29.30	0.00	682.43
MW-07D	711.73	3/15/2021	ND	29.28	0.00	682.45
MW-07D	711.73	3/22/2021	ND	29.15	0.00	682.58
MW-07D	711.73	4/1/2021	ND	28.82	0.00	682.91
MW-07D	711.73	4/12/2021	ND	28.90	0.00	682.83
MW-07D	711.73	4/19/2021	ND	28.84	0.00	682.89
MW-07D	711.73	4/29/2021	ND	28.72	0.00	683.01
MW-07D	711.73	5/3/2021	ND	28.71	0.00	683.02
MW-07D	711.73	5/10/2021	ND	28.69	0.00	683.04
MW-07D	711.73	5/18/2021	ND	28.82	0.00	682.91
MW-07D	711.73	5/26/2021	ND	28.79	0.00	682.94
MW-07D	711.73	5/31/2021	ND	28.97	0.00	682.76
MW-07D	711.73	6/7/2021	ND	29.11	0.00	682.62
MW-07D	711.73	6/14/2021	ND	29.13	0.00	682.60
MW-07D	711.73	6/21/2021	ND	29.29	0.00	682.44
MW-07D	711.73	7/1/2021	ND	29.35	0.00	682.38
MW-07D	711.73	7/6/2021	ND	29.61	0.00	682.12
MW-07D	711.73	7/14/2021	ND	29.64	0.00	682.09
MW-07D	711.73	7/28/2021	ND	30.38	0.00	681.35
MW-07D	711.73	8/2/2021	ND	30.71	0.00	681.02
MW-07D	711.73	8/16/2021	ND	31.16	0.00	680.57

Table 3
Summary of Monitoring Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-14D	722.75	3/4/2021	ND	28.64	0.00	694.11
MW-14D	722.75	3/8/2021	ND	28.36	0.00	694.39
MW-14D	722.75	3/15/2021	ND	28.25	0.00	694.50
MW-14D	722.75	3/22/2021	ND	28.23	0.00	694.52
MW-14D	724.93	4/1/2021	ND	25.30	0.00	699.63
MW-14D	724.93	4/12/2021	ND	29.77	0.00	695.16
MW-14D	724.93	4/19/2021	ND	29.72	0.00	695.21
MW-14D	726.02	4/29/2021	ND	29.76	0.00	696.26
MW-14D	726.02	5/3/2021	ND	29.75	0.00	696.27
MW-14D	726.75	5/10/2021	ND	29.91	0.00	696.84
MW-14D	726.75	5/18/2021	ND	30.22	0.00	696.53
MW-14D	726.75	5/26/2021	ND	30.39	0.00	696.36
MW-14D	726.76	5/31/2021	ND	30.63	0.00	696.13
MW-14D	726.76	6/7/2021	ND	30.76	0.00	696.00
MW-14D	726.77	6/14/2021	ND	30.94	0.00	695.83
MW-14D	726.77	6/21/2021	ND	31.06	0.00	695.71
MW-14D	726.77	7/1/2021	ND	31.32	0.00	695.45
MW-14D	726.77	7/6/2021	ND	31.53	0.00	695.24
MW-14D	726.77	7/14/2021	ND	31.73	0.00	695.04
MW-14D	726.77	7/28/2021	ND	31.97	0.00	694.80
MW-14D	726.77	8/2/2021	ND	32.16	0.00	694.61
MW-14D	726.77	8/16/2021	ND	32.43	0.00	694.34
MW-16D	710.81	7/1/2021	ND	31.35	0.00	679.46
MW-16D	710.81	7/6/2021	ND	31.35	0.00	679.46
MW-16D	710.81	7/14/2021	ND	31.82	0.00	678.99
MW-16D	710.81	7/28/2021	ND	31.62	0.00	679.19
MW-16D	710.81	8/16/2021	ND	101.94	0.00	608.87

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-25D	733.05	12/26/2020	ND	46.90	0.00	686.15
MW-25D	733.05	1/10/2021	ND	47.10	0.00	685.95
MW-25D	733.05	1/19/2021	ND	47.93	0.00	685.12
MW-25D	733.05	1/25/2021	ND	47.80	0.00	685.25
MW-25D	733.05	2/1/2021	ND	47.69	0.00	685.36
MW-25D	733.05	2/8/2021	ND	48.05	0.00	685.00
MW-25D	733.05	2/16/2021	ND	47.82	0.00	685.23
MW-25D	733.05	2/22/2021	ND	47.65	0.00	685.40
MW-25D	733.05	3/4/2021	ND	47.34	0.00	685.71
MW-25D	733.05	3/8/2021	ND	47.52	0.00	685.53
MW-25D	733.05	3/15/2021	ND	47.48	0.00	685.57
MW-25D	733.05	3/22/2021	ND	47.46	0.00	685.59
MW-25D	733.05	4/1/2021	ND	46.29	0.00	686.76
MW-25D	733.05	4/12/2021	ND	47.31	0.00	685.74
MW-25D	733.05	4/19/2021	ND	47.26	0.00	685.79
MW-25D	733.05	4/29/2021	ND	46.96	0.00	686.09
MW-25D	733.05	5/3/2021	ND	47.11	0.00	685.94
MW-25D	733.05	5/10/2021	ND	47.07	0.00	685.98
MW-25D	733.05	5/18/2021	ND	47.28	0.00	685.77
MW-25D	733.05	5/26/2021	ND	47.05	0.00	686.00
MW-25D	733.05	5/31/2021	ND	47.31	0.00	685.74
MW-25D	733.05	6/7/2021	ND	47.54	0.00	685.51
MW-25D	733.05	6/14/2021	NM	NM	NM	NM
MW-25D	733.05	6/21/2021	ND	47.66	0.00	685.39
MW-25D	733.05	7/1/2021	ND	47.52	0.00	685.53
MW-25D	733.05	7/6/2021	ND	47.89	0.00	685.16
MW-25D	733.05	7/14/2021	ND	47.75	0.00	685.30
MW-25D	733.05	7/28/2021	ND	48.95	0.00	684.10
MW-25D	733.05	8/2/2021	ND	50.00	0.00	683.05
MW-25D	733.05	8/16/2021	ND	50.46	0.00	682.59
MW-31D	714.09	5/31/2021	ND	20.96	0.00	693.13
MW-31D	714.09	6/7/2021	ND	20.95	0.00	693.14
MW-31D	714.09	6/14/2021	ND	21.02	0.00	693.07
MW-31D	714.09	6/21/2021	ND	21.05	0.00	693.04
MW-31D	714.09	7/1/2021	ND	21.10	0.00	692.99
MW-31D	714.09	7/6/2021	ND	21.22	0.00	692.87
MW-31D	714.09	7/14/2021	ND	21.29	0.00	692.80
MW-31D	714.09	7/28/2021	ND	21.27	0.00	692.82
MW-31D	714.09	8/2/2021	ND	21.44	0.00	692.65
MW-31D	714.09	8/16/2021	ND	21.57	0.00	692.52

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-36D	710.81	12/7/2020	ND	24.81	0.00	686.00
MW-36D	710.81	12/21/2020	ND	24.46	0.00	686.35
MW-36D	710.81	12/26/2020	ND	24.49	0.00	686.32
MW-36D	710.81	1/19/2021	ND	24.14	0.00	686.67
MW-36D	710.81	1/25/2021	ND	34.19	0.00	676.62
MW-36D	710.81	2/1/2021	ND	24.21	0.00	686.60
MW-36D	710.81	2/8/2021	ND	24.12	0.00	686.69
MW-36D	710.81	2/16/2021	ND	23.93	0.00	686.88
MW-36D	710.81	2/22/2021	ND	26.35	0.00	684.46
MW-36D	710.81	3/4/2021	ND	23.44	0.00	687.37
MW-36D	710.81	3/8/2021	ND	33.42	0.00	677.39
MW-36D	710.81	3/15/2021	ND	23.40	0.00	687.41
MW-36D	710.81	3/22/2021	ND	23.28	0.00	687.53
MW-36D	710.81	4/1/2021	ND	NM	NM	NM
MW-36D	710.81	4/12/2021	ND	NM	NM	NM
MW-36D	710.81	4/19/2021	ND	NM	NM	NM
MW-36D	710.81	4/29/2021	ND	28.74	0.00	682.07
MW-36D	710.81	5/3/2021	ND	22.34	0.00	688.47
MW-36D	710.81	5/10/2021	ND	23.59	0.00	687.22
MW-36D	710.81	5/18/2021	ND	21.44	0.00	689.37
MW-36D	710.81	5/26/2021	ND	21.52	0.00	689.29
MW-36D	710.81	5/31/2021	ND	21.63	0.00	689.18
MW-36D	710.81	6/7/2021	ND	30.94	0.00	679.87
MW-36D	710.81	6/14/2021	ND	22.73	0.00	688.08
MW-36D	710.81	6/21/2021	ND	22.31	0.00	688.50
MW-36D	710.81	7/1/2021	ND	22.63	0.00	688.18
MW-36D	710.81	7/6/2021	ND	22.72	0.00	688.09
MW-36D	710.81	7/14/2021	ND	23.80	0.00	687.01
MW-36D	710.81	7/28/2021	ND	29.17	0.00	681.64
MW-36D	NM	8/2/2021	ND	24.32	0.00	NM
MW-36D	NM	8/16/2021	ND	26.54	0.00	NM

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-57D	686.44	12/7/2020	ND	11.25	0.00	675.19
MW-57D	686.44	12/21/2020	ND	10.87	0.00	675.57
MW-57D	686.44	12/26/2020	ND	10.82	0.00	675.62
MW-57D	686.44	1/10/2021	ND	10.56	0.00	675.88
MW-57D	686.44	1/19/2021	ND	10.73	0.00	675.71
MW-57D	686.44	1/25/2021	ND	10.74	0.00	675.70
MW-57D	686.44	2/1/2021	ND	10.17	0.00	676.27
MW-57D	686.44	2/8/2021	ND	10.16	0.00	676.28
MW-57D	686.44	2/16/2021	ND	9.49	0.00	676.95
MW-57D	686.44	2/22/2021	ND	6.39	0.00	680.05
MW-57D	686.44	3/4/2021	ND	9.08	0.00	677.36
MW-57D	686.44	3/8/2021	ND	9.36	0.00	677.08
MW-57D	686.44	3/15/2021	ND	9.39	0.00	677.05
MW-57D	686.44	3/22/2021	ND	8.92	0.00	677.52
MW-57D	686.44	4/1/2021	ND	8.38	0.00	678.06
MW-57D	686.44	4/12/2021	ND	8.58	0.00	677.86
MW-57D	686.44	4/19/2021	ND	8.93	0.00	677.51
MW-57D	686.44	4/29/2021	ND	9.29	0.00	677.15
MW-57D	686.44	5/3/2021	ND	8.98	0.00	677.46
MW-57D	686.44	5/10/2021	ND	9.77	0.00	676.67
MW-57D	686.44	5/18/2021	ND	10.22	0.00	676.22
MW-57D	686.44	5/26/2021	ND	10.72	0.00	675.72
MW-57D	686.44	5/31/2021	ND	11.17	0.00	675.27
MW-57D	686.44	6/7/2021	ND	11.36	0.00	675.08
MW-57D	686.44	6/14/2021	ND	11.22	0.00	675.22
MW-57D	686.44	6/21/2021	ND	11.48	0.00	674.96
MW-57D	686.44	7/1/2021	ND	11.89	0.00	674.55
MW-57D	686.44	7/6/2021	ND	12.51	0.00	673.93
MW-57D	686.44	7/14/2021	ND	12.51	0.00	673.93
MW-57D	686.44	7/28/2021	ND	12.34	0.00	674.10
MW-57D	686.44	8/2/2021	ND	12.67	0.00	673.77
MW-57D	686.44	8/16/2021	ND	13.30	0.00	673.14

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-59D	720.98	12/7/2020	ND	60.12	0.00	660.86
MW-59D	720.98	12/21/2020	ND	35.43	0.00	685.55
MW-59D	720.98	12/26/2020	ND	34.71	0.00	686.27
MW-59D	720.98	1/10/2021	ND	38.82	0.00	682.16
MW-59D	720.98	1/19/2021	ND	34.70	0.00	686.28
MW-59D	720.98	1/25/2021	ND	34.36	0.00	686.62
MW-59D	720.98	2/1/2021	ND	34.04	0.00	686.94
MW-59D	720.98	2/8/2021	ND	33.93	0.00	687.05
MW-59D	720.98	2/16/2021	ND	36.06	0.00	684.92
MW-59D	720.98	2/22/2021	ND	33.99	0.00	686.99
MW-59D	720.98	3/4/2021	ND	33.47	0.00	687.51
MW-59D	720.98	3/8/2021	ND	33.46	0.00	687.52
MW-59D	720.98	3/15/2021	ND	34.11	0.00	686.87
MW-59D	720.98	3/22/2021	ND	33.37	0.00	687.61
MW-59D	720.98	4/1/2021	ND	25.85	0.00	695.13
MW-59D	720.98	4/12/2021	ND	65.32	0.00	655.66
MW-59D	720.98	4/19/2021	ND	62.76	0.00	658.22
MW-59D	720.98	4/29/2021	ND	60.18	0.00	660.80
MW-59D	720.98	5/3/2021	ND	59.44	0.00	661.54
MW-59D	720.98	5/10/2021	ND	139.60	0.00	581.38
MW-59D	720.98	5/18/2021	ND	133.57	0.00	587.41
MW-59D	720.98	5/26/2021	ND	128.87	0.00	592.11
MW-59D	720.98	5/31/2021	ND	126.88	0.00	594.10
MW-59D	720.98	6/7/2021	ND	148.30	0.00	572.68
MW-59D	720.98	6/14/2021	ND	146.09	0.00	574.89
MW-59D	720.98	6/21/2021	ND	144.16	0.00	576.82
MW-59D	720.98	7/1/2021	ND	141.79	0.00	579.19
MW-59D	720.98	7/6/2021	ND	140.70	0.00	580.28
MW-59D	720.98	7/14/2021	ND	NM	NM	NM
MW-59D	720.98	7/28/2021	ND	159.10	0.00	561.88
MW-59D	720.98	8/2/2021	ND	158.88	0.00	562.10
MW-59D	720.98	8/16/2021	ND	158.34	0.00	562.64

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-61D	745.40	11/23/2020	ND	NM	NM	NM
MW-61D	745.40	12/7/2020	ND	53.30	0.00	692.10
MW-61D	745.40	12/21/2020	ND	53.50	0.00	691.90
MW-61D	745.40	12/26/2020	ND	53.56	0.00	691.84
MW-61D	745.40	1/10/2021	ND	53.83	0.00	691.57
MW-61D	745.50	1/19/2021	ND	53.94	0.00	691.56
MW-61D	745.50	1/25/2021	ND	53.88	0.00	691.62
MW-61D	745.50	2/1/2021	ND	53.86	0.00	691.64
MW-61D	745.50	2/8/2021	ND	54.21	0.00	691.29
MW-61D	745.50	2/16/2021	ND	53.91	0.00	691.59
MW-61D	745.50	2/22/2021	ND	53.82	0.00	691.68
MW-61D	745.50	3/4/2021	ND	53.82	0.00	691.68
MW-61D	745.50	3/8/2021	ND	53.92	0.00	691.58
MW-61D	745.50	3/15/2021	ND	54.05	0.00	691.45
MW-61D	745.50	3/22/2021	ND	53.98	0.00	691.52
MW-61D	745.50	4/1/2021	ND	54.15	0.00	691.35
MW-61D	745.50	4/12/2021	ND	54.27	0.00	691.23
MW-61D	745.50	4/19/2021	ND	54.32	0.00	691.18
MW-61D	745.50	4/29/2021	ND	54.12	0.00	691.38
MW-61D	745.50	5/3/2021	ND	54.20	0.00	691.30
MW-61D	745.50	5/10/2021	ND	55.32	0.00	690.18
MW-61D	745.50	5/18/2021	ND	54.31	0.00	691.19
MW-61D	745.50	5/26/2021	ND	54.14	0.00	691.36
MW-61D	745.50	5/31/2021	ND	54.34	0.00	691.16
MW-61D	745.50	6/7/2021	ND	54.37	0.00	691.13
MW-61D	745.50	6/14/2021	ND	54.15	0.00	691.35
MW-61D	745.50	6/21/2021	ND	54.43	0.00	691.07
MW-61D	745.50	7/1/2021	ND	54.45	0.00	691.05
MW-61D	745.50	7/6/2021	ND	54.68	0.00	690.82
MW-61D	745.50	7/14/2021	ND	54.61	0.00	690.89
MW-61D	745.50	7/28/2021	ND	54.93	0.00	690.57
MW-61D	745.50	8/2/2021	ND	55.16	0.00	690.34
MW-61D	745.50	8/16/2021	ND	55.30	0.00	690.20

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-62D	729.92	1/19/2020	ND	54.22	0.00	675.70
MW-62D	729.92	12/7/2020	ND	54.99	0.00	674.93
MW-62D	729.92	12/21/2020	ND	54.05	0.00	675.87
MW-62D	729.92	12/26/2020	ND	54.19	0.00	675.73
MW-62D	729.92	1/10/2021	ND	54.07	0.00	675.85
MW-62D	729.92	1/25/2021	ND	54.00	0.00	675.92
MW-62D	729.92	2/1/2021	ND	54.15	0.00	675.77
MW-62D	729.92	2/8/2021	ND	53.62	0.00	676.30
MW-62D	729.92	2/16/2021	ND	53.76	0.00	676.16
MW-62D	729.92	2/22/2021	ND	53.38	0.00	676.54
MW-62D	729.92	3/4/2021	ND	53.03	0.00	676.89
MW-62D	729.92	3/8/2021	ND	53.60	0.00	676.32
MW-62D	729.92	3/15/2021	ND	53.87	0.00	676.05
MW-62D	729.92	3/22/2021	ND	53.46	0.00	676.46
MW-62D	729.92	4/1/2021	ND	52.96	0.00	676.96
MW-62D	729.92	4/12/2021	ND	53.23	0.00	676.69
MW-62D	729.92	4/19/2021	ND	53.97	0.00	675.95
MW-62D	729.92	4/29/2021	ND	53.90	0.00	676.02
MW-62D	729.92	5/3/2021	ND	53.84	0.00	676.08
MW-62D	729.92	5/10/2021	ND	54.40	0.00	675.52
MW-62D	729.92	5/18/2021	ND	53.51	0.00	676.41
MW-62D	729.92	5/26/2021	ND	54.40	0.00	675.52
MW-62D	729.92	5/31/2021	ND	54.91	0.00	675.01
MW-62D	729.92	6/7/2021	ND	54.91	0.00	675.01
MW-62D	729.92	6/14/2021	ND	55.10	0.00	674.82
MW-62D	729.92	6/21/2021	ND	54.51	0.00	675.41
MW-62D	729.92	7/1/2021	ND	54.61	0.00	675.31
MW-62D	729.92	7/6/2021	ND	55.07	0.00	674.85
MW-62D	729.92	7/14/2021	ND	55.17	0.00	674.75
MW-62D	729.92	7/28/2021	ND	55.50	0.00	674.42
MW-62D	729.92	8/2/2021	ND	55.43	0.00	674.49
MW-62D	729.92	8/16/2021	ND	55.92	0.00	674.00

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MW-65D	714.15	12/26/2020	ND	23.15	0.00	691.00
MW-65D	714.15	1/10/2021	ND	22.93	0.00	691.22
MW-65D	714.15	1/19/2021	ND	22.95	0.00	691.20
MW-65D	714.15	2/1/2021	ND	22.76	0.00	691.39
MW-65D	714.15	2/8/2021	ND	22.89	0.00	691.26
MW-65D	714.15	2/16/2021	ND	22.62	0.00	691.53
MW-65D	714.15	2/22/2021	ND	22.53	0.00	691.62
MW-65D	714.15	3/4/2021	ND	22.31	0.00	691.84
MW-65D	714.15	3/8/2021	ND	22.38	0.00	691.77
MW-65D	714.15	3/15/2021	ND	22.22	0.00	691.93
MW-65D	714.15	3/22/2021	ND	22.12	0.00	692.03
MW-65D	714.15	4/1/2021	ND	21.79	0.00	692.36
MW-65D	714.15	4/12/2021	ND	21.78	0.00	692.37
MW-65D	714.15	4/19/2021	ND	21.75	0.00	692.40
MW-65D	714.15	4/29/2021	ND	21.78	0.00	692.37
MW-65D	714.15	5/3/2021	ND	21.79	0.00	692.36
MW-65D	714.15	5/10/2021	ND	21.94	0.00	692.21
MW-65D	714.15	5/18/2021	ND	22.14	0.00	692.01
MW-65D	714.15	5/26/2021	ND	22.23	0.00	691.92
MW-65D	714.15	5/31/2021	ND	22.43	0.00	691.72
MW-65D	714.15	6/7/2021	ND	22.51	0.00	691.64
MW-65D	714.15	6/14/2021	ND	22.57	0.00	691.58
MW-65D	714.15	6/21/2021	ND	22.72	0.00	691.43
MW-65D	714.15	7/1/2021	ND	22.86	0.00	691.29
MW-65D	714.15	7/6/2021	ND	23.05	0.00	691.10
MW-65D	714.15	7/14/2021	ND	23.23	0.00	690.92
MW-65D	714.15	7/28/2021	ND	23.31	0.00	690.84
MW-65D	714.15	8/2/2021	ND	23.48	0.00	690.67
MW-65D	714.15	8/16/2021	ND	23.73	0.00	690.42

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-79D	720.52	3/4/2021	ND	85.61	0.00	634.91
MW-79D	720.52	3/8/2021	ND	42.71	0.00	677.81
MW-79D	720.52	3/15/2021	ND	44.79	0.00	675.73
MW-79D	720.52	3/22/2021	ND	44.53	0.00	675.99
MW-79D	721.56	4/1/2021	ND	40.69	0.00	680.87
MW-79D	721.56	4/12/2021	ND	41.05	0.00	680.51
MW-79D	721.56	4/19/2021	ND	41.85	0.00	679.71
MW-79D	721.56	4/29/2021	ND	41.85	0.00	679.71
MW-79D	721.56	5/3/2021	ND	41.76	0.00	679.80
MW-79D	717.32	5/10/2021	ND	41.31	0.00	676.01
MW-79D	717.32	5/18/2021	ND	41.47	0.00	675.85
MW-79D	717.32	5/26/2021	ND	42.37	0.00	674.95
MW-79D	717.32	5/31/2021	ND	42.88	0.00	674.44
MW-79D	717.32	6/7/2021	ND	42.88	0.00	674.44
MW-79D	717.32	6/14/2021	ND	43.04	0.00	674.28
MW-79D	717.32	6/21/2021	ND	42.46	0.00	674.86
MW-79D	717.32	7/1/2021	ND	42.60	0.00	674.72
MW-79D	717.32	7/6/2021	ND	43.02	0.00	674.30
MW-79D	717.32	7/14/2021	ND	43.17	0.00	674.15
MW-79D	717.32	7/28/2021	ND	43.44	0.00	673.88
MW-79D	717.32	8/2/2021	ND	43.38	0.00	673.94
MW-79D	717.32	8/16/2021	ND	43.92	0.00	673.40
MW-81D	720.45	6/21/2021	ND	45.24	0.00	675.21
MW-81D	720.45	7/1/2021	ND	45.38	0.00	675.07
MW-81D	720.45	7/6/2021	ND	45.87	0.00	674.58
MW-81D	720.45	7/14/2021	ND	45.97	0.00	674.48
MW-81D	720.45	7/28/2021	ND	46.16	0.00	674.29
MW-81D	720.45	8/2/2021	ND	46.24	0.00	674.21
MW-81D	720.45	8/16/2021	ND	46.74	0.00	673.71

Table 3
Summary of Monitoring Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
MW-90D	730.09	5/26/2021	35.13	45.41	10.28	692.21
MW-90D	730.09	5/31/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	6/7/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	6/14/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	6/21/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	7/1/2021	34.41	45.77	11.36	692.64
MW-90D	730.09	7/6/2021	ARP	ARP	ARP	ARP
MW-90D	730.09	7/14/2021	37.54	39.02	1.48	692.15
MW-90D	730.09	7/28/2021	38.20	39.42	1.22	691.56
MW-90D	730.09	8/16/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	5/26/2021	38.46	53.25	14.79	693.42
MW-91D	735.84	5/31/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	6/7/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	6/14/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	6/21/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	7/1/2021	40.93	47.81	6.88	693.07
MW-91D	735.84	7/6/2021	ARP	ARP	ARP	ARP
MW-91D	735.84	7/14/2021	42.86	44.65	1.79	692.50
MW-91D	735.84	7/28/2021	43.45	45.05	1.60	691.96
MW-91D	735.84	8/16/2021	ARP	ARP	ARP	ARP

Notes:

ft btoc = Feet Below Top of Casing

N/A = Not Applicable

MW = Monitoring Well

ND = Not Detected

ARP = Active Recovery Pump in Well

NM = Not Measured

¹ = Elevations surveyed in feet using the NAVD88 vertical datum

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

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-01	733.43	9/1/2020	28.60	36.95	8.35	702.59
RW-01	733.43	9/3/2020	30.60	35.95	5.35	701.39
RW-01	733.43	9/5/2020	29.11	37.05	7.94	702.19
RW-01	733.43	9/8/2020	29.40	36.95	7.55	702.00
RW-01	733.43	9/9/2020	29.50	37.10	7.60	701.89
RW-01	733.43	9/12/2020	30.00	36.95	6.95	701.57
RW-01	733.43	9/14/2020	30.00	37.20	7.20	701.50
RW-01	733.43	9/18/2020	30.80	37.00	6.20	700.97
RW-01	733.43	9/28/2020	31.15	37.00	5.85	700.71
RW-01	733.43	10/2/2020	31.30	37.15	5.85	700.56
RW-01	733.43	10/7/2020	31.65	37.20	5.55	700.29
RW-01	733.43	10/19/2020	32.12	37.00	4.88	700.00
RW-01	733.43	11/9/2020	33.10	37.13	4.03	699.25
RW-01	733.43	11/23/2020	33.45	37.18	3.73	698.98
RW-01	733.43	12/26/2020	32.81	32.82	0.01	700.61
RW-01	733.43	2/1/2021	33.57	35.48	1.91	699.34
RW-01	732.08	3/4/2021	34.24	35.71	1.47	697.45
RW-01	732.08	4/1/2021	35.21	35.72	0.51	696.74
RW-01	732.09	4/29/2021	35.11	35.73	0.62	696.81
RW-01	732.09	5/26/2021	Dry	Dry	Dry	Dry
RW-01	732.09	5/31/2021	Dry	Dry	Dry	Dry
RW-01	732.09	6/9/2021	Dry	Dry	Dry	Dry
RW-01	732.09	7/1/2021	Dry	Dry	Dry	Dry
RW-01	732.09	7/14/2021	Dry	Dry	Dry	Dry
RW-01	732.09	7/28/2021	Dry	Dry	Dry	Dry
RW-02	731.66	9/1/2020	27.30	39.60	12.30	701.07
RW-02	731.66	9/5/2020	27.66	39.67	12.01	700.79
RW-02	731.66	9/8/2020	27.90	39.65	11.75	700.62
RW-02	731.66	9/9/2020	28.65	39.65	11.00	700.07
RW-02	731.66	9/12/2020	28.43	38.95	10.52	700.41
RW-02	731.66	9/14/2020	28.43	39.70	11.27	700.21
RW-02	731.66	9/18/2020	29.10	38.60	9.50	700.02
RW-02	731.66	9/28/2020	29.52	39.42	9.90	699.49
RW-02	731.66	10/2/2020	29.70	39.70	10.00	699.28
RW-02	731.66	10/7/2020	30.04	39.68	9.64	699.04
RW-02	731.66	10/19/2020	30.45	39.65	9.20	698.75
RW-02	731.66	11/9/2020	31.38	39.65	8.27	698.07
RW-02	731.66	11/23/2020	ND	31.80	0.00	699.86
RW-02	731.66	12/26/2020	ND	37.81	0.00	693.85
RW-02	731.66	2/1/2021	ND	33.39	0.00	698.27
RW-02	732.05	3/4/2021	33.97	38.32	4.35	696.92
RW-02	732.05	4/1/2021	34.79	36.17	1.38	696.89
RW-02	732.05	4/29/2021	34.82	35.40	0.58	697.07
RW-02	732.05	5/26/2021	35.57	36.50	0.93	696.23
RW-02	732.05	6/9/2021	36.00	36.92	0.92	695.80
RW-02	732.05	7/1/2021	36.53	37.13	0.60	695.36
RW-02	732.05	7/14/2021	36.98	37.73	0.75	694.86
RW-02	732.05	7/28/2021	37.23	38.06	0.83	694.60

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-03	731.51	9/1/2020	34.15	37.55	3.40	696.45
RW-03	731.51	9/3/2020	37.20	37.26	0.06	694.30
RW-03	731.51	9/5/2020	35.50	37.44	1.94	695.49
RW-03	731.51	9/8/2020	34.80	35.95	1.15	696.40
RW-03	731.51	9/9/2020	33.95	38.80	4.85	696.26
RW-03	731.51	9/11/2020	34.92	36.60	1.68	696.14
RW-03	731.51	9/12/2020	34.85	36.35	1.50	696.26
RW-03	731.51	9/14/2020	33.91	36.97	3.06	696.78
RW-03	731.51	9/18/2020	34.20	37.10	2.90	696.54
RW-03	731.51	9/28/2020	33.85	37.55	3.70	696.67
RW-03	731.51	10/2/2020	34.72	38.17	3.45	695.87
RW-03	731.51	10/6/2020	33.55	38.80	5.25	696.56
RW-03	731.51	10/19/2020	33.00	38.89	5.89	696.94
RW-03	731.51	11/9/2020	33.31	38.84	5.53	696.72
RW-03	731.51	12/26/2020	31.85	36.45	4.60	698.43
RW-03	731.51	2/1/2021	31.66	36.52	4.86	698.55
RW-03	731.51	3/4/2021	32.01	36.53	4.52	698.29
RW-03	731.51	4/1/2021	ND	32.31	0.00	699.20
RW-03	731.51	4/29/2021	32.05	36.54	4.49	698.26
RW-03	731.51	5/26/2021	32.51	38.00	5.49	697.53
RW-03	731.51	6/9/2021	32.67	36.60	3.93	697.79
RW-03	731.51	7/1/2021	33.08	NW	>3.92	NW
RW-03	731.51	7/14/2021	33.31	36.51	3.20	697.35
RW-03	731.51	7/28/2021	33.75	NW	>3.20	NW
RW-04	729.41	9/3/2020	36.10	37.60	1.50	692.91
RW-04	729.41	9/5/2020	32.10	35.81	3.71	696.32
RW-04	729.41	9/8/2020	31.35	36.20	4.85	696.76
RW-04	729.41	9/11/2020	31.85	34.85	3.00	696.76
RW-04	729.41	9/12/2020	32.60	35.15	2.55	696.13
RW-04	729.41	9/14/2020	31.00	35.00	4.00	697.34
RW-04	729.41	9/18/2020	30.60	33.80	3.20	697.95
RW-04	729.41	9/28/2020	28.00	36.70	8.70	699.08
RW-04	729.41	10/2/2020	27.93	37.00	9.07	699.05
RW-04	729.41	10/5/2020	28.20	36.95	8.75	698.87
RW-04	729.41	10/19/2020	28.60	37.00	8.40	698.56
RW-04	729.41	11/9/2020	30.16	36.18	6.02	697.64
RW-04	729.41	11/23/2020	30.00	36.54	6.54	697.66
RW-04	729.41	12/26/2020	38.25	47.20	8.95	688.76
RW-04	729.41	2/1/2021	30.99	33.05	2.06	697.87
RW-04	729.41	3/4/2021	32.28	35.51	3.23	696.26
RW-04	729.41	4/1/2021	ND	32.42	0.00	696.99
RW-04	729.41	4/29/2021	32.43	35.74	3.31	696.09
RW-04	729.41	5/26/2021	33.83	34.29	0.46	695.46
RW-04	729.41	6/9/2021	34.28	34.69	0.41	695.02
RW-04	729.41	7/1/2021	34.68	35.32	0.64	694.56
RW-04	729.41	7/14/2021	35.14	35.52	0.38	694.17
RW-04	729.41	7/28/2021	32.96	33.02	0.06	696.43

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-05	726.29	9/1/2020	27.00	32.55	5.55	697.81
RW-05	726.29	9/3/2020	31.65	36.65	5.00	693.30
RW-05	726.29	9/5/2020	26.75	33.31	6.56	697.79
RW-05	726.29	9/8/2020	26.04	33.30	7.26	698.31
RW-05	726.29	9/11/2020	26.60	31.60	5.00	698.35
RW-05	726.29	9/12/2020	27.15	29.60	2.45	698.49
RW-05	726.29	9/14/2020	26.80	29.92	3.12	698.66
RW-05	726.29	9/18/2020	27.70	28.80	1.10	698.30
RW-05	726.29	9/28/2020	27.60	29.35	1.75	698.22
RW-05	726.29	10/2/2020	27.30	31.30	4.00	697.92
RW-05	726.29	10/5/2020	27.13	32.00	4.87	697.86
RW-05	726.29	10/19/2020	25.90	36.76	10.86	697.48
RW-05	726.29	11/9/2020	26.95	35.93	8.98	696.94
RW-05	726.29	11/23/2020	27.40	30.30	2.90	698.11
RW-05	726.29	12/26/2020	29.70	32.30	2.60	695.90
RW-05	726.29	2/1/2021	29.81	31.90	2.09	695.92
RW-05	726.29	3/4/2021	ND	30.03	0.00	696.26
RW-05	726.29	4/1/2021	ND	29.64	0.00	696.65
RW-05	726.29	4/29/2021	29.85	29.87	0.02	696.44
RW-05	726.29	5/26/2021	30.37	30.85	0.48	695.79
RW-05	726.29	6/9/2021	30.70	31.05	0.35	695.50
RW-05	726.29	7/1/2021	31.23	31.49	0.26	694.99
RW-05	726.29	7/14/2021	31.59	31.83	0.24	694.64
RW-05	726.29	7/28/2021	31.80	31.84	0.04	694.48
RW-06	734.78	9/1/2020	37.65	43.85	6.20	695.47
RW-06	734.78	9/3/2020	44.70	45.10	0.40	689.97
RW-06	734.78	9/5/2020	38.33	43.73	5.40	695.00
RW-06	734.78	9/8/2020	45.22	45.50	0.28	689.48
RW-06	734.78	9/9/2020	37.42	43.32	5.90	695.78
RW-06	734.78	9/11/2020	39.30	42.55	3.25	694.61
RW-06	734.78	9/12/2020	38.35	41.70	3.35	695.53
RW-06	734.78	9/14/2020	37.25	42.00	4.75	696.26
RW-06	734.78	9/18/2020	38.90	43.15	4.25	694.74
RW-06	734.78	9/28/2020	36.05	47.53	11.48	695.65
RW-06	734.78	10/2/2020	37.00	43.50	6.50	696.04
RW-06	734.78	10/5/2020	36.95	44.47	7.52	695.81
RW-06	734.78	10/19/2020	36.76	47.73	10.97	695.08
RW-06	734.78	11/9/2020	37.50	46.91	9.41	694.76
RW-06	734.78	11/23/2020	37.80	46.80	9.00	694.57
RW-06	734.78	12/26/2020	28.07	36.03	7.96	704.58
RW-06	734.78	2/1/2021	39.36	45.89	6.53	693.67
RW-06	734.78	3/4/2021	39.98	45.07	5.09	693.43
RW-06	734.78	4/1/2021	40.50	45.39	4.89	692.97
RW-06	734.78	4/29/2021	40.49	44.47	3.98	693.23
RW-06	734.78	5/26/2021	41.39	44.19	2.80	692.64
RW-06	734.78	6/9/2021	42.20	43.39	1.19	692.26
RW-06	734.78	7/1/2021	42.67	44.06	1.39	691.74
RW-06	734.78	7/14/2021	42.57	45.93	3.36	691.31
RW-06	734.78	7/28/2021	42.73	45.93	3.20	691.19

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-07	726.92	9/5/2020	34.20	41.55	7.35	690.75
RW-07	726.92	9/8/2020	33.70	46.00	12.30	689.92
RW-07	726.92	9/9/2020	37.45	40.82	3.37	688.56
RW-07	726.92	9/10/2020	36.40	39.90	3.50	689.58
RW-07	726.92	9/12/2020	33.52	45.60	12.08	690.16
RW-07	726.92	9/14/2020	34.01	40.09	6.08	691.28
RW-07	726.92	9/18/2020	36.50	42.30	5.80	688.86
RW-07	726.92	9/28/2020	32.50	45.30	12.80	690.99
RW-07	726.92	10/2/2020	33.52	40.95	7.43	691.41
RW-07	726.92	10/6/2020	33.50	42.83	9.33	690.92
RW-07	726.92	10/19/2020	32.80	46.13	13.33	690.55
RW-07	726.92	11/9/2020	33.30	46.20	12.90	690.16
RW-07	726.92	11/23/2020	33.40	45.70	12.30	690.22
RW-07	726.92	10/21/2020	32.80	46.13	13.33	690.55
RW-07	726.92	12/26/2020	31.87	33.51	1.64	694.61
RW-07	726.92	2/1/2021	33.56	39.93	6.37	691.65
RW-07	726.92	3/4/2021	33.74	39.95	6.21	691.51
RW-07	726.92	4/1/2021	33.91	39.98	6.07	691.38
RW-07	726.92	4/29/2021	33.82	39.59	5.77	691.55
RW-07	726.92	5/26/2021	34.20	39.67	5.47	691.25
RW-07	726.92	6/9/2021	34.32	39.80	5.48	691.13
RW-07	726.92	7/1/2021	34.40	41.42	7.02	690.64
RW-07	726.92	7/14/2021	34.85	39.93	5.08	690.71
RW-07	726.92	7/28/2021	35.17	40.92	5.75	690.21
RW-08	730.40	9/6/2020	ND	38.36	0.00	692.04
RW-08	730.40	9/8/2020	ND	38.32	0.00	692.08
RW-08	730.40	9/14/2020	ND	31.89	0.00	698.51
RW-08	730.40	10/9/2020	ND	31.66	0.00	698.74
RW-08	730.40	10/19/2020	32.21	35.93	3.72	697.20
RW-08	730.40	11/9/2020	ND	33.42	0.00	696.98
RW-08	730.40	11/23/2020	33.56	35.98	2.42	696.20
RW-08	730.40	12/26/2020	ND	33.75	0.00	696.65
RW-08	730.40	1/19/2021	34.25	35.95	1.70	695.70
RW-08	730.40	1/25/2021	34.44	36.01	1.57	695.54
RW-08	730.40	2/1/2021	DRY	DRY	DRY	DRY
RW-08	730.40	2/8/2021	35.19	DRY	>0.92	DRY
RW-08	730.40	2/16/2021	35.44	36.01	0.57	694.81
RW-08	730.40	2/22/2021	ND	35.62	0.00	694.78
RW-08	730.40	3/4/2021	ND	35.88	0.00	694.52
RW-08	730.40	3/8/2021	ND	36.04	0.00	694.36
RW-08	730.40	3/15/2021	36.01	36.05	0.04	694.38
RW-08	730.40	4/1/2021	DRY	DRY	DRY	DRY
RW-08	730.40	4/12/2021	DRY	DRY	DRY	DRY
RW-08	730.40	4/19/2021	DRY	DRY	DRY	DRY
RW-08	730.40	4/29/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/3/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/10/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/18/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/26/2021	DRY	DRY	DRY	DRY
RW-08	730.40	5/31/2021	DRY	DRY	DRY	DRY
RW-08	730.40	6/9/2021	DRY	DRY	DRY	DRY
RW-08	730.40	6/14/2021	DRY	DRY	DRY	DRY
RW-08	730.40	6/21/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/1/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/6/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/14/2021	DRY	DRY	DRY	DRY
RW-08	730.40	7/28/2021	DRY	DRY	DRY	DRY
RW-08	730.40	8/16/2021	DRY	DRY	DRY	DRY

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-09	732.39	9/1/2020	29.95	39.55	9.60	699.87
RW-09	732.39	9/3/2020	37.55	37.85	0.30	694.76
RW-09	732.39	9/5/2020	29.88	41.42	11.54	699.42
RW-09	732.39	9/8/2020	30.50	38.05	7.55	699.87
RW-09	732.39	9/9/2020	30.20	40.10	9.90	699.54
RW-09	732.39	9/12/2020	31.07	39.46	8.39	699.07
RW-09	732.39	9/14/2020	30.15	37.85	7.70	700.18
RW-09	732.39	9/18/2020	31.30	37.50	6.20	699.43
RW-09	732.39	9/28/2020	37.70	38.53	0.83	694.46
RW-09	732.39	10/2/2020	30.10	42.80	12.70	698.89
RW-09	732.39	10/7/2020	31.10	40.20	9.10	698.85
RW-09	732.39	10/19/2020	31.13	42.88	11.75	698.11
RW-09	732.39	11/9/2020	32.05	42.90	10.85	697.43
RW-09	732.39	11/23/2020	32.31	42.93	10.62	697.24
RW-09	732.39	12/26/2020	31.02	39.58	8.56	699.08
RW-09	732.39	2/1/2021	31.21	37.90	6.69	699.39
RW-09	730.09	3/4/2021	31.61	36.26	4.65	697.24
RW-09	730.09	4/1/2021	32.33	34.98	2.65	697.05
RW-09	730.09	4/29/2021	32.09	34.78	2.69	697.28
RW-09	730.09	5/26/2021	32.77	35.35	2.58	696.63
RW-09	730.09	6/9/2021	33.29	34.77	1.48	696.40
RW-09	730.09	7/1/2021	33.78	36.00	2.22	695.72
RW-09	730.09	7/14/2021	33.94	36.63	2.69	695.43
RW-09	730.09	7/28/2021	34.29	36.55	2.26	695.20
RW-10	734.38	9/1/2020	19.95	33.10	13.15	710.91
RW-10	734.38	9/3/2020	25.85	33.40	7.55	706.51
RW-10	734.38	9/5/2020	29.20	33.60	4.40	704.00
RW-10	734.38	9/8/2020	29.60	34.00	4.40	703.60
RW-10	734.38	9/9/2020	29.85	34.53	4.68	703.28
RW-10	734.38	9/12/2020	30.50	33.50	3.00	703.08
RW-10	734.38	9/14/2020	30.20	33.40	3.20	703.32
RW-10	734.38	9/18/2020	31.60	33.40	1.80	702.30
RW-10	734.38	9/28/2020	31.45	33.00	1.55	702.51
RW-10	734.38	10/2/2020	31.73	33.43	1.70	702.19
RW-10	734.38	10/7/2020	32.10	33.40	1.30	701.93
RW-10	734.38	10/19/2020	32.72	33.31	0.59	701.50
RW-10	734.38	10/21/2020	32.72	33.31	0.59	701.50
RW-10	734.38	11/9/2020	ND	33.20	0.00	701.18
RW-10	734.38	11/23/2020	33.21	33.60	0.39	701.06
RW-10	734.38	12/26/2020	ND	30.56	0.00	703.82
RW-10	734.38	2/1/2021	ND	30.57	0.00	703.81
RW-10	731.87	3/4/2021	ND	30.57	0.00	701.30
RW-10	731.87	4/1/2021	ND	30.57	0.00	701.30
RW-10	731.87	4/29/2021	ND	30.80	0.00	701.07
RW-10	731.87	5/26/2021	DRY	DRY	Dry	DRY
RW-10	731.87	5/31/2021	DRY	DRY	Dry	DRY
RW-10	731.87	6/9/2021	DRY	DRY	Dry	DRY
RW-10	731.87	7/1/2021	DRY	DRY	Dry	DRY
RW-10	731.87	7/14/2021	DRY	DRY	Dry	DRY
RW-10	731.87	7/28/2021	ND	30.93	0.00	700.94

Table 4
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-11	725.94	9/6/2020	32.23	34.39	2.16	693.13
RW-11	725.94	9/8/2020	31.60	32.80	1.20	694.02
RW-11	725.94	9/14/2020	28.85	31.62	2.77	696.35
RW-11	725.94	9/18/2020	ND	34.00	0.00	691.94
RW-11	725.94	9/28/2020	29.90	31.90	2.00	695.50
RW-11	725.94	10/2/2020	32.30	32.60	0.30	693.56
RW-11	725.94	10/5/2020	27.70	34.10	6.40	696.53
RW-11	725.94	10/19/2020	27.70	31.27	3.57	697.28
RW-11	725.94	11/9/2020	28.33	31.14	2.81	696.86
RW-11	725.94	11/23/2020	28.61	29.80	1.19	697.01
RW-11	725.94	10/21/2020	27.70	31.27	3.57	697.28
RW-11	725.94	12/26/2020	29.05	32.58	3.53	695.94
RW-11	725.94	2/1/2021	29.16	32.30	3.14	695.94
RW-11	725.94	3/4/2021	29.31	31.97	2.66	695.92
RW-11	725.94	4/1/2021	ND	29.30	0.00	696.64
RW-11	725.94	4/29/2021	29.10	35.46	6.36	695.14
RW-11	725.94	5/26/2021	30.41	32.23	1.82	695.04
RW-11	725.94	6/9/2021	30.57	31.25	0.68	695.19
RW-11	725.94	7/1/2021	30.88	31.55	0.67	694.88
RW-11	725.94	7/14/2021	31.51	32.36	0.85	694.20
RW-11	725.94	7/28/2021	29.29	29.33	0.04	696.64
RW-12	726.61	9/5/2020	31.45	33.82	2.37	694.53
RW-12	726.61	9/6/2020	34.95	35.14	0.19	691.61
RW-12	726.61	9/8/2020	34.20	36.10	1.90	691.90
RW-12	726.61	9/9/2020	34.24	36.65	2.41	691.73
RW-12	726.61	9/10/2020	34.70	35.83	1.13	691.61
RW-12	726.61	9/12/2020	32.89	34.35	1.46	693.33
RW-12	726.61	9/14/2020	31.81	36.18	4.37	693.63
RW-12	726.61	9/18/2020	32.35	34.60	2.25	693.66
RW-12	726.61	9/28/2020	29.43	36.91	7.48	695.18
RW-12	726.61	10/2/2020	31.10	36.40	5.30	694.09
RW-12	726.61	10/6/2020	29.78	37.75	7.97	694.70
RW-12	726.61	10/19/2020	30.35	37.04	6.69	694.47
RW-12	726.61	11/9/2020	31.21	37.08	5.87	693.83
RW-12	726.61	11/23/2020	31.53	37.08	5.55	693.60
RW-12	726.61	12/26/2020	31.00	35.51	4.51	694.40
RW-12	726.61	2/1/2021	32.01	35.51	3.50	693.66
RW-12	726.61	3/4/2021	32.52	35.51	2.99	693.29
RW-12	726.61	4/1/2021	32.79	35.48	2.69	693.10
RW-12	726.61	4/29/2021	32.77	35.46	2.69	693.12
RW-12	726.61	5/26/2021	33.34	35.48	2.14	692.70
RW-12	726.61	6/9/2021	33.63	35.54	1.91	692.47
RW-12	726.61	7/1/2021	34.08	35.48	1.40	692.16
RW-12	726.61	7/14/2021	34.37	35.41	1.04	691.96
RW-12	726.61	7/28/2021	34.84	35.45	0.61	691.61

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-13	732.30	9/5/2020	ND	24.90	0.00	707.40
RW-13	732.30	9/6/2020	ND	26.54	0.00	705.76
RW-13	732.30	9/8/2020	ND	27.05	0.00	705.25
RW-13	732.30	9/14/2020	ND	27.93	0.00	704.37
RW-13	732.30	10/9/2020	ND	28.34	0.00	703.96
RW-13	732.30	10/19/2020	33.87	34.11	0.24	698.36
RW-13	732.30	11/9/2020	ND	31.09	0.00	701.21
RW-13	732.30	11/23/2020	31.10	31.23	0.13	701.16
RW-13	732.30	12/26/2020	ND	31.85	0.00	700.45
RW-13	732.30	1/25/2021	32.53	32.79	0.26	699.70
RW-13	732.30	2/1/2021	32.67	32.92	0.25	699.56
RW-13	732.30	2/8/2021	32.82	33.09	0.27	699.41
RW-13	732.30	2/16/2021	32.86	33.18	0.32	699.35
RW-13	732.30	3/4/2021	33.10	33.39	0.29	699.12
RW-13	732.30	4/1/2021	33.13	33.42	0.29	699.09
RW-13	732.30	4/12/2021	33.22	33.53	0.31	699.00
RW-13	732.30	4/19/2021	ND	33.13	0.00	699.17
RW-13	732.30	4/29/2021	33.08	33.36	0.28	699.15
RW-13	732.30	5/3/2021	35.07	35.33	0.26	697.16
RW-13	732.30	5/10/2021	33.06	33.35	0.29	699.16
RW-13	732.30	5/18/2021	33.19	33.46	0.27	699.04
RW-13	732.30	5/26/2021	33.76	34.10	0.34	698.45
RW-13	732.30	5/31/2021	ND	33.96	0.00	698.34
RW-13	732.30	6/7/2021	ND	34.04	0.00	698.26
RW-13	732.30	6/14/2021	ND	34.04	0.00	698.26
RW-13	732.30	6/21/2021	31.11	31.43	0.32	701.10
RW-13	732.30	7/1/2021	31.49	31.83	0.34	700.72
RW-13	732.30	7/6/2021	31.68	32.04	0.36	700.52
RW-13	732.30	7/14/2021	32.16	32.53	0.37	700.04
RW-13	732.30	7/28/2021	29.62	29.65	0.03	702.67
RW-13	732.30	8/16/2021	31.42	32.79	1.37	700.51
RW-14	732.14	9/6/2020	27.12	39.68	12.56	701.65
RW-14	732.14	9/8/2020	27.15	36.25	9.10	702.55
RW-14	732.14	9/10/2020	27.95	35.05	7.10	702.29
RW-14	732.14	9/12/2020	27.40	38.95	11.55	701.65
RW-14	732.14	9/14/2020	27.68	39.15	11.47	701.39
RW-14	732.14	9/18/2020	29.15	39.20	10.05	700.30
RW-14	732.14	9/28/2020	29.30	39.93	10.63	699.99
RW-14	732.14	10/2/2020	29.63	39.95	10.32	699.74
RW-14	732.14	10/6/2020	29.90	40.00	10.10	699.53
RW-14	732.14	10/19/2020	30.60	39.94	9.34	699.04
RW-14	732.14	11/9/2020	31.69	40.10	8.41	698.20
RW-14	732.14	11/23/2020	32.09	40.05	7.96	697.92
RW-14	732.14	12/26/2020	33.11	38.57	5.46	697.56
RW-14	732.14	2/1/2021	33.65	37.77	4.12	697.38
RW-14	732.14	3/4/2021	33.92	37.62	3.70	697.23
RW-14	732.14	4/1/2021	34.07	38.02	3.95	697.01
RW-14	732.14	4/29/2021	33.80	37.56	3.76	697.33
RW-14	732.14	5/26/2021	34.06	37.04	2.98	697.28
RW-14	732.14	6/9/2021	34.29	36.91	2.62	697.14
RW-14	732.14	7/1/2021	34.58	36.75	2.17	696.98
RW-14	732.14	7/14/2021	34.86	36.84	1.98	696.75
RW-14	732.14	7/28/2021	35.33	36.67	1.34	696.45

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-15	723.99	9/6/2020	34.07	34.10	0.03	689.91
RW-15	723.99	9/8/2020	34.15	34.17	0.02	689.83
RW-15	723.99	9/14/2020	34.25	34.29	0.04	689.73
RW-15	723.99	9/28/2020	34.62	34.68	0.06	689.35
RW-15	723.99	10/9/2020	ND	34.98	0.00	689.01
RW-15	723.99	10/19/2020	35.02	35.12	0.10	688.94
RW-15	723.99	11/9/2020	35.09	35.29	0.20	688.85
RW-15	723.99	11/9/2020	34.94	35.03	0.09	689.03
RW-15	723.99	11/23/2020	ND	45.23	0.00	678.76
RW-15	723.99	12/26/2020	35.01	35.25	0.24	688.92
RW-15	723.99	1/19/2021	34.99	35.35	0.36	688.90
RW-15	723.99	1/25/2021	34.84	35.21	0.37	689.05
RW-15	723.99	2/1/2021	34.73	35.11	0.38	689.16
RW-15	723.99	2/8/2021	35.15	35.60	0.45	688.72
RW-15	723.99	2/16/2021	34.78	35.21	0.43	689.09
RW-15	723.99	2/22/2021	34.60	35.50	0.90	689.15
RW-15	723.99	3/4/2021	34.45	34.90	0.45	689.42
RW-15	723.99	3/8/2021	34.63	35.13	0.50	689.23
RW-15	723.99	3/15/2021	34.49	34.98	0.49	689.37
RW-15	723.99	3/22/2021	34.36	34.82	0.46	689.51
RW-15	723.99	4/1/2021	34.16	34.59	0.43	689.71
RW-15	723.99	4/12/2021	34.09	34.50	0.41	689.79
RW-15	723.99	4/19/2021	34.02	34.43	0.41	689.86
RW-15	723.99	4/29/2021	33.96	34.36	0.40	689.92
RW-15	723.99	5/3/2021	34.07	34.51	0.44	689.80
RW-15	723.99	5/10/2021	34.12	34.55	0.43	689.75
RW-15	723.99	5/18/2021	34.18	34.65	0.47	689.68
RW-15	723.99	5/26/2021	34.10	34.55	0.45	689.77
RW-15	723.99	5/31/2021	34.38	34.88	0.50	689.48
RW-15	723.99	6/7/2021	34.45	34.96	0.51	689.40
RW-15	723.99	6/14/2021	34.48	35.01	0.53	689.37
RW-15	723.99	6/21/2021	34.64	35.18	0.54	689.21
RW-15	723.99	7/1/2021	34.76	35.34	0.58	689.07
RW-15	723.99	7/6/2021	35.00	35.59	0.59	688.83
RW-15	723.99	7/14/2021	32.90	33.50	0.60	690.93
RW-15	723.99	7/28/2021	33.52	33.85	0.33	690.38
RW-16	732.10	9/5/2020	30.80	37.71	6.91	699.45
RW-16	732.10	9/6/2020	30.14	36.39	6.25	700.28
RW-16	732.10	9/8/2020	30.60	35.70	5.10	700.13
RW-16	732.10	9/9/2020	29.80	39.92	10.12	699.59
RW-16	732.10	9/10/2020	35.95	39.70	3.75	695.14
RW-16	732.10	9/12/2020	34.65	38.60	3.95	696.39
RW-16	732.10	9/14/2020	30.85	36.70	5.85	699.68
RW-16	732.10	9/18/2020	32.15	36.30	4.15	698.83
RW-16	732.10	9/28/2020	31.55	37.40	5.85	698.98
RW-16	732.10	10/2/2020	31.47	37.82	6.35	698.93
RW-16	732.10	10/6/2020	30.90	40.50	9.60	698.63
RW-16	732.10	10/19/2020	31.00	43.12	12.12	697.85
RW-16	732.10	11/9/2020	32.05	42.12	10.07	697.35
RW-16	732.10	11/23/2020	32.43	42.34	9.91	697.01
RW-16	732.10	12/26/2020	31.37	39.10	7.73	698.66
RW-16	732.10	2/1/2021	31.84	38.08	6.24	698.59
RW-16	732.10	3/4/2021	32.49	36.72	4.23	698.47
RW-16	732.10	4/1/2021	33.10	35.82	2.72	698.27
RW-16	732.10	4/29/2021	32.56	35.85	3.29	698.65
RW-16	732.10	5/26/2021	33.32	34.98	1.66	698.33
RW-16	732.10	6/9/2021	33.51	35.02	1.51	698.18
RW-16	732.10	7/1/2021	33.70	35.49	1.79	697.92
RW-16	732.10	7/14/2021	34.26	34.98	0.72	697.64
RW-16	732.10	7/28/2021	34.58	35.79	1.21	697.19

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RW-17	729.57	9/6/2020	ND	19.94	0.00	709.63
RW-17	729.57	9/8/2020	ND	20.05	0.00	709.52
RW-17	729.57	9/14/2020	ND	20.05	0.00	709.52
RW-17	729.57	9/28/2020	ND	20.04	0.00	709.53
RW-17	729.57	10/9/2020	ND	20.06	0.00	709.51
RW-17	729.57	10/19/2020	ND	20.06	0.00	709.51
RW-17	729.57	11/9/2020	ND	20.09	0.00	709.48
RW-17	729.57	11/23/2020	ND	20.09	0.00	709.48
RW-17	729.57	12/26/2020	ND	20.11	0.00	709.46
RW-17	729.57	1/25/2021	ND	20.08	0.00	709.49
RW-17	729.57	2/1/2021	ND	Dry	Dry	Dry
RW-17	729.57	2/8/2021	ND	20.08	0.00	709.49
RW-17	729.57	2/16/2021	ND	20.08	0.00	709.49
RW-17	729.57	2/22/2021	Dry	Dry	Dry	Dry
RW-17	729.57	3/4/2021	Dry	Dry	Dry	Dry
RW-17	729.57	3/8/2021	ND	21.08	0.00	708.49
RW-17	729.57	3/15/2021	ND	20.11	0.00	709.46
RW-17	729.57	3/22/2021	ND	20.08	0.00	709.49
RW-17	729.57	4/1/2021	ND	20.08	0.00	709.49
RW-17	729.57	4/12/2021	ND	20.11	0.00	709.46
RW-17	729.57	4/19/2021	Dry	Dry	Dry	Dry
RW-17	729.57	4/29/2021	Dry	Dry	Dry	Dry
RW-17	729.57	5/3/2021	Dry	Dry	Dry	Dry
RW-17	729.57	5/10/2021	Dry	Dry	Dry	Dry
RW-17	729.57	5/18/2021	17.74	17.76	0.02	711.82
RW-17	729.57	5/26/2021	ND	18.58	0.00	710.99
RW-17	729.57	6/7/2021	ND	18.72	0.00	710.85
RW-17	729.57	7/1/2021	Dry	Dry	Dry	Dry
RW-17	729.57	7/6/2021	Dry	Dry	Dry	Dry
RW-17	729.57	7/14/2021	Dry	Dry	Dry	Dry
RW-17	729.57	7/28/2021	18.58	18.58	0.00	710.99
RW-17	729.57	8/16/2021	ND	18.72	0.00	710.85
RW-18	737.66	9/8/2020	36.15	40.20	4.05	700.42
RW-18	737.66	9/9/2020	36.40	41.35	4.95	699.93
RW-18	737.66	9/12/2020	36.50	40.00	3.50	700.22
RW-18	737.66	9/14/2020	34.95	42.00	7.05	700.82
RW-18	737.66	9/18/2020	36.55	42.00	5.45	699.65
RW-18	737.66	9/28/2020	35.42	45.45	10.03	699.55
RW-18	737.66	10/2/2020	35.20	47.65	12.45	699.12
RW-18	737.66	10/7/2020	35.70	47.48	11.78	698.80
RW-18	737.66	10/19/2020	36.54	47.75	11.21	698.12
RW-18	737.66	11/9/2020	37.73	47.71	9.98	697.26
RW-18	737.66	11/23/2020	37.86	47.57	9.71	697.20
RW-18	737.66	12/26/2020	36.91	45.38	8.47	698.48
RW-18	737.66	2/1/2021	38.19	43.31	5.12	698.10
RW-18	737.66	3/4/2021	38.30	42.78	4.48	698.16
RW-18	735.96	4/1/2021	39.05	41.76	2.71	696.18
RW-18	735.96	4/29/2021	39.67	40.76	1.09	696.00
RW-18	735.96	5/26/2021	39.51	41.28	1.77	695.98
RW-18	735.96	6/9/2021	39.68	41.45	1.77	695.81
RW-18	735.96	7/1/2021	39.60	42.39	2.79	695.61
RW-18	735.96	7/14/2021	40.08	41.97	1.89	695.37
RW-18	735.96	7/28/2021	40.32	42.42	2.10	695.08

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-19	722.02	9/8/2020	ND	32.80	0.00	689.22
RW-19	722.02	9/14/2020	ND	32.74	0.00	689.28
RW-19	722.02	9/28/2020	ND	32.92	0.00	689.10
RW-19	722.02	10/9/2020	ND	33.23	0.00	688.79
RW-19	722.02	10/19/2020	ND	33.28	0.00	688.74
RW-19	722.02	11/9/2020	33.28	33.30	0.02	688.73
RW-19	722.02	11/9/2020	33.06	33.16	0.10	688.93
RW-19	722.02	11/23/2020	ND	33.22	0.00	688.80
RW-19	722.02	12/26/2020	33.09	33.29	0.20	688.88
RW-19	722.02	1/19/2021	33.07	33.57	0.50	688.82
RW-19	722.02	1/25/2021	32.94	33.48	0.54	688.94
RW-19	722.02	2/1/2021	32.89	33.42	0.53	688.99
RW-19	722.02	2/8/2021	33.18	33.93	0.75	688.64
RW-19	722.02	2/16/2021	32.82	33.64	0.82	688.98
RW-19	722.02	2/22/2021	32.67	33.51	0.84	689.13
RW-19	722.02	3/4/2021	32.44	33.59	1.15	689.27
RW-19	722.02	3/8/2021	32.57	33.93	1.36	689.09
RW-19	722.02	3/15/2021	32.37	33.92	1.55	689.24
RW-19	722.02	3/22/2021	32.2	33.89	1.69	689.37
RW-19	722.02	4/1/2021	31.89	33.89	2.00	689.59
RW-19	722.02	4/12/2021	32.7	34	1.30	688.97
RW-19	722.02	4/19/2021	31.59	34.1	2.51	689.76
RW-19	722.02	4/29/2021	31.48	34.21	2.73	689.81
RW-19	722.02	5/3/2021	31.5	34.41	2.91	689.74
RW-19	722.02	5/10/2021	31.55	34.63	3.08	689.65
RW-19	722.02	5/18/2021	31.53	34.9	3.37	689.59
RW-19	722.02	5/26/2021	31.43	35.08	3.65	689.61
RW-19	722.02	5/31/2021	31.61	35.41	3.80	689.39
RW-19	722.02	6/7/2021	31.65	35.70	4.05	689.29
RW-19	722.02	6/14/2021	31.62	35.94	4.32	689.24
RW-19	722.02	6/21/2021	31.73	36.29	4.56	689.07
RW-19	722.02	7/1/2021	31.77	36.69	4.92	688.93
RW-19	722.02	7/6/2021	31.95	37.09	5.14	688.69
RW-19	722.02	7/14/2021	28.93	34.33	5.40	691.64
RW-19	722.02	7/28/2021	30.7	31.41	0.71	691.13
RW-20	731.69	9/8/2020	ND	28.75	0.00	702.94
RW-20	731.69	9/14/2020	26.90	36.20	9.30	702.30
RW-20	731.69	9/28/2020	31.55	33.20	1.65	699.69
RW-20	731.69	10/2/2020	30.60	31.65	1.05	700.81
RW-20	731.69	10/6/2020	30.50	31.90	1.40	700.81
RW-20	731.69	10/19/2020	30.29	32.90	2.61	700.70
RW-20	731.69	10/21/2020	30.29	32.90	2.61	700.70
RW-20	731.69	11/9/2020	30.62	35.09	4.47	699.87
RW-20	731.69	11/23/2020	30.96	35.84	4.88	699.42
RW-20	731.69	12/26/2020	31.84	36.35	4.51	698.64
RW-20	731.69	2/1/2021	32.15	36.50	4.35	698.37
RW-20	731.69	3/4/2021	32.29	36.48	4.19	698.27
RW-20	731.69	4/1/2021	33.31	35.79	2.48	697.71
RW-20	731.69	4/29/2021	33.39	35.10	1.71	697.84
RW-20	731.69	5/26/2021	33.87	34.37	0.50	697.68
RW-20	731.69	6/9/2021	34.06	34.29	0.23	697.56
RW-20	731.69	7/1/2021	34.18	34.42	0.24	697.44
RW-20	731.69	7/14/2021	34.41	34.49	0.08	697.25
RW-20	731.69	7/28/2021	35.11	35.43	0.32	696.49

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-21	731.68	9/13/2020	28.50	42.55	14.05	699.42
RW-21	731.68	9/14/2020	30.72	36.55	5.83	699.40
RW-21	731.68	9/18/2020	31.30	38.00	6.70	698.59
RW-21	731.68	9/28/2020	30.08	41.40	11.32	698.57
RW-21	731.68	10/2/2020	30.28	41.15	10.87	698.49
RW-21	731.68	10/6/2020	30.40	41.55	11.15	698.30
RW-21	731.68	10/19/2020	30.13	45.10	14.97	697.55
RW-21	731.68	11/9/2020	31.09	44.70	13.61	696.95
RW-21	731.68	11/23/2020	31.50	42.64	11.14	697.20
RW-21	731.68	12/26/2020	32.40	40.56	8.16	697.10
RW-21	731.68	2/1/2021	32.81	39.59	6.78	697.06
RW-21	731.68	3/4/2021	33.36	38.60	5.24	696.92
RW-21	731.68	4/1/2021	35.58	38.86	3.28	695.23
RW-21	731.68	4/29/2021	33.22	38.34	5.12	697.09
RW-21	731.68	5/26/2021	33.64	38.27	4.63	696.80
RW-21	731.68	6/9/2021	33.82	38.34	4.52	696.65
RW-21	731.68	7/1/2021	34.10	38.18	4.08	696.49
RW-21	731.68	7/14/2021	34.36	38.47	4.11	696.22
RW-21	731.68	7/28/2021	34.94	38.05	3.11	695.91
RW-22	726.60	9/10/2020	25.62	39.00	13.38	697.40
RW-22	726.60	9/12/2020	26.70	31.62	4.92	698.58
RW-22	726.60	9/14/2020	25.55	30.85	5.30	699.63
RW-22	726.60	9/18/2020	26.10	32.10	6.00	698.89
RW-22	726.60	9/28/2020	26.20	30.75	4.55	699.18
RW-22	726.60	10/2/2020	25.55	33.00	7.45	699.06
RW-22	726.60	10/5/2020	25.53	34.50	8.97	698.67
RW-22	726.60	10/19/2020	25.93	37.32	11.39	697.62
RW-22	726.60	11/9/2020	26.89	36.99	10.10	697.01
RW-22	726.60	11/23/2020	27.29	36.70	9.41	696.79
RW-22	726.60	12/26/2020	26.43	27.75	1.32	699.82
RW-22	726.60	2/1/2021	26.68	34.43	7.75	697.85
RW-22	727.54	3/4/2021	29.80	31.73	1.93	697.22
RW-22	727.54	4/1/2021	30.31	30.73	0.42	697.12
RW-22	727.54	4/29/2021	30.21	30.39	0.18	697.28
RW-22	727.54	5/26/2021	30.95	31.11	0.16	696.55
RW-22	727.54	6/9/2021	31.28	31.52	0.24	696.20
RW-22	727.54	7/1/2021	31.85	32.06	0.21	695.63
RW-22	727.54	7/14/2021	32.24	32.44	0.20	695.25
RW-22	727.54	7/28/2021	32.42	32.48	0.06	695.10

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-23	724.85	9/13/2020	31.80	41.73	9.93	690.39
RW-23	724.85	9/14/2020	31.79	41.68	9.89	690.41
RW-23	724.85	9/18/2020	32.95	39.35	6.40	690.18
RW-23	724.85	9/28/2020	32.91	39.45	6.54	690.19
RW-23	724.85	10/2/2020	33.39	39.31	5.92	689.87
RW-23	724.85	10/6/2020	33.25	39.25	6.00	689.99
RW-23	724.85	10/19/2020	33.30	39.26	5.96	689.95
RW-23	724.85	11/9/2020	33.39	39.03	5.64	689.95
RW-23	724.85	11/23/2020	33.35	38.97	5.62	689.99
RW-23	724.85	12/26/2020	31.75	36.77	5.02	691.75
RW-23	724.85	2/1/2021	32.32	36.29	3.97	691.46
RW-23	724.85	3/4/2021	32.49	35.38	2.89	691.58
RW-23	724.85	4/1/2021	32.51	34.93	2.42	691.69
RW-23	724.85	4/29/2021	32.37	34.54	2.17	691.90
RW-23	724.85	5/26/2021	32.33	34.19	1.86	692.02
RW-23	724.85	6/9/2021	32.46	34.27	1.81	691.90
RW-23	724.85	7/1/2021	32.83	34.69	1.86	691.52
RW-23	724.85	7/14/2021	33.26	35.02	1.76	691.12
RW-23	724.85	7/28/2021	33.90	34.92	1.02	690.67
RW-24	734.33	9/11/2020	35.83	35.85	0.02	698.49
RW-24	734.33	9/12/2020	ND	36.00	0.00	698.33
RW-24	734.33	9/14/2020	35.75	36.25	0.50	698.44
RW-24	734.33	9/18/2020	ND	36.10	0.00	698.23
RW-24	734.33	9/28/2020	33.80	33.91	0.11	700.50
RW-24	734.33	10/2/2020	33.15	35.20	2.05	700.63
RW-24	734.33	10/5/2020	33.84	34.10	0.26	700.42
RW-24	734.33	10/19/2020	32.84	37.15	4.31	700.33
RW-24	734.33	11/9/2020	32.83	39.30	6.47	699.76
RW-24	734.33	11/23/2020	34.61	35.53	0.92	699.47
RW-24	734.33	12/26/2020	34.85	36.16	1.31	699.13
RW-24	734.33	2/1/2021	35.12	35.94	0.82	698.99
RW-24	731.18	3/4/2021	35.46	36.12	0.66	695.54
RW-24	731.18	4/1/2021	35.63	36.20	0.57	695.40
RW-24	731.18	4/29/2021	ND	35.48	0.00	695.70
RW-24	731.18	5/26/2021	36.16	36.66	0.50	694.89
RW-24	731.18	6/9/2021	36.61	36.93	0.32	694.48
RW-24	731.18	7/1/2021	37.19	37.36	0.17	693.94
RW-24	731.18	7/14/2021	37.64	37.81	0.17	693.49
RW-24	731.18	7/28/2021	37.33	37.44	0.11	693.82

Table 4
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-25	724.92	9/13/2020	33.75	37.21	3.46	690.24
RW-25	724.92	9/14/2020	33.08	38.85	5.77	690.29
RW-25	724.92	9/18/2020	34.88	35.80	0.92	689.79
RW-25	724.92	9/28/2020	34.86	35.90	1.04	689.78
RW-25	724.92	10/2/2020	34.90	36.55	1.65	689.57
RW-25	724.92	10/6/2020	34.90	36.40	1.50	689.61
RW-25	724.92	10/19/2020	33.83	39.91	6.08	689.46
RW-25	724.92	11/9/2020	34.45	38.55	4.10	689.37
RW-25	724.92	11/23/2020	34.58	38.10	3.52	689.39
RW-25	724.92	12/26/2020	31.30	36.50	5.20	692.22
RW-25	724.92	2/1/2021	31.70	35.11	3.41	692.30
RW-25	724.92	3/4/2021	31.85	33.82	1.97	692.54
RW-25	724.92	4/1/2021	31.79	33.34	1.55	692.71
RW-25	724.92	4/29/2021	31.56	33.01	1.45	692.97
RW-25	724.92	5/26/2021	31.7	32.98	1.28	692.87
RW-25	724.92	6/9/2021	31.94	33.19	1.25	692.64
RW-25	724.92	7/1/2021	31.90	34.63	2.73	692.29
RW-25	724.92	7/14/2021	32.71	33.93	1.22	691.88
RW-25	724.92	7/28/2021	33.24	34.39	1.15	691.37
RW-26	729.28	9/11/2020	29.80	30.35	0.55	699.34
RW-26	729.28	9/12/2020	29.85	30.42	0.57	699.28
RW-26	729.28	9/14/2020	29.79	30.41	0.62	699.33
RW-26	729.28	9/18/2020	30.31	32.20	1.89	698.47
RW-26	729.28	9/28/2020	27.60	29.25	1.65	701.24
RW-26	729.28	10/2/2020	27.17	28.35	1.18	701.80
RW-26	729.28	10/5/2020	27.01	29.15	2.14	701.70
RW-26	729.28	10/19/2020	26.39	29.02	2.63	702.19
RW-26	729.28	11/9/2020	26.82	29.60	2.78	701.72
RW-26	729.28	11/23/2020	27.20	29.49	2.29	701.47
RW-26	729.28	12/26/2020	27.62	28.53	0.91	701.42
RW-26	729.28	2/1/2021	28.30	28.66	0.36	700.89
RW-26	725.72	3/4/2021	29.81	29.96	0.15	695.87
RW-26	725.72	4/1/2021	26.33	26.34	0.01	699.39
RW-26	725.72	4/29/2021	29.14	29.29	0.15	696.54
RW-26	725.72	5/26/2021	30.00	30.37	0.37	695.62
RW-26	725.72	6/9/2021	31.15	31.43	0.28	694.50
RW-26	725.72	7/1/2021	31.28	31.62	0.34	694.35
RW-26	725.72	7/14/2021	30.87	31.22	0.35	694.76
RW-26	725.72	7/28/2021	29.24	29.33	0.09	696.46

Table 4
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-27	722.46	9/13/2020	ND	35.08	0.00	687.38
RW-27	722.46	9/14/2020	ND	35.09	0.00	687.37
RW-27	722.46	9/18/2020	ND	35.20	0.00	687.26
RW-27	722.46	10/9/2020	ND	35.23	0.00	687.23
RW-27	722.46	10/19/2020	35.23	35.43	0.20	687.18
RW-27	722.46	11/9/2020	34.36	39.20	4.84	686.80
RW-27	722.46	11/23/2020	31.27	40.65	9.38	688.68
RW-27	722.46	12/26/2020	29.90	44.02	14.12	688.78
RW-27	722.46	2/1/2021	32.68	44.18	11.50	686.70
RW-27	722.46	3/4/2021	32.70	41.71	9.01	687.35
RW-27	722.46	4/1/2021	33.23	40.77	7.54	687.21
RW-27	722.46	4/29/2021	33.81	39.72	5.91	687.07
RW-27	722.46	5/26/2021	34.17	38.54	4.37	687.12
RW-27	722.46	6/9/2021	34.46	38.38	3.92	686.95
RW-27	722.46	7/1/2021	35.22	37.68	2.46	686.58
RW-27	722.46	7/14/2021	34.99	38.35	3.36	686.57
RW-27	722.46	7/28/2021	35.35	39.03	3.68	686.12
RW-28	733.88	9/11/2020	38.13	39.31	1.18	695.43
RW-28	733.88	9/12/2020	ND	37.12	0.00	696.76
RW-28	733.88	9/13/2020	35.84	45.27	9.43	695.51
RW-28	733.88	9/14/2020	34.45	48.33	13.88	695.71
RW-28	733.88	9/18/2020	35.70	36.25	0.55	698.03
RW-28	733.88	9/28/2020	33.95	35.85	1.90	699.42
RW-28	733.88	10/2/2020	34.05	35.47	1.42	699.45
RW-28	733.88	10/5/2020	34.15	35.50	1.35	699.36
RW-28	733.88	10/19/2020	31.30	42.74	11.44	699.51
RW-28	733.88	11/9/2020	32.60	40.70	8.10	699.11
RW-28	733.88	11/23/2020	33.00	40.10	7.10	698.98
RW-28	733.88	12/26/2020	38.17	45.08	6.91	693.86
RW-28	733.88	2/1/2021	34.12	39.01	4.89	698.45
RW-28	729.51	3/4/2021	36.16	36.23	0.07	693.33
RW-28	729.51	4/1/2021	ND	35.98	0.00	693.53
RW-28	729.51	4/29/2021	35.98	36.40	0.42	693.42
RW-28	729.51	5/26/2021	37.14	37.56	0.42	692.26
RW-28	729.51	6/9/2021	ND	37.66	0.00	691.85
RW-28	729.51	7/1/2021	38.33	38.56	0.23	691.12
RW-28	729.51	7/14/2021	38.92	39.28	0.36	690.49
RW-28	729.51	7/28/2021	39.09	39.11	0.02	690.41

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-29	721.84	9/13/2020	26.80	45.11	18.31	690.14
RW-29	721.84	9/14/2020	28.36	38.80	10.44	690.69
RW-29	721.84	9/18/2020	29.00	43.00	14.00	689.09
RW-29	721.84	9/28/2020	26.95	35.85	8.90	692.51
RW-29	721.84	10/2/2020	27.10	47.00	19.90	689.42
RW-29	721.84	10/6/2020	27.32	45.90	18.58	689.55
RW-29	721.84	10/19/2020	27.68	47.65	19.97	688.82
RW-29	721.84	11/9/2020	28.35	47.89	19.54	688.26
RW-29	721.84	11/23/2020	28.65	48.30	19.65	687.93
RW-29	721.84	12/26/2020	27.56	44.11	16.55	689.85
RW-29	721.84	2/1/2021	Dry	Dry	Dry	Dry
RW-29	721.84	3/4/2021	30.18	39.65	9.47	689.13
RW-29	719.80	4/1/2021	30.96	37.82	6.86	687.00
RW-29	719.80	4/29/2021	31.49	36.20	4.71	687.05
RW-29	719.80	5/26/2021	32.97	34.00	1.03	686.55
RW-29	719.80	6/9/2021	33.26	34.09	0.83	686.32
RW-29	719.80	7/1/2021	33.82	34.57	0.75	685.78
RW-29	719.80	7/14/2021	34.02	34.73	0.71	685.59
RW-29	719.80	7/28/2021	34.58	35.21	0.63	685.05
RW-30	719.60	9/14/2020	23.60	26.95	3.35	695.10
RW-30	719.60	9/28/2020	22.33	37.10	14.77	693.32
RW-30	719.60	10/2/2020	24.30	31.40	7.10	693.40
RW-30	719.60	10/6/2020	24.92	33.15	8.23	692.48
RW-30	719.60	10/19/2020	22.26	41.10	18.84	692.30
RW-30	719.60	11/9/2020	22.74	41.49	18.75	691.84
RW-30	719.60	11/23/2020	23.15	41.50	18.35	691.54
RW-30	719.60	12/26/2020	21.67	39.21	17.54	693.24
RW-30	719.60	2/1/2021	22.84	35.00	12.16	693.51
RW-30	719.60	3/4/2021	22.33	31.71	9.38	694.76
RW-30	717.30	4/1/2021	22.89	28.80	5.91	692.83
RW-30	717.30	4/29/2021	23.52	27.15	3.63	692.81
RW-30	717.30	5/26/2021	24.88	26.95	2.07	691.87
RW-30	717.30	6/9/2021	25.43	26.96	1.53	691.46
RW-30	717.30	7/1/2021	26.25	27.04	0.79	690.84
RW-30	717.30	7/14/2021	26.81	27.44	0.63	690.32
RW-30	717.30	7/28/2021	27.58	28.09	0.51	689.58

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-31	716.23	9/14/2020	27.38	28.66	1.28	688.51
RW-31	716.23	9/28/2020	23.25	43.45	20.20	687.57
RW-31	716.23	10/2/2020	26.30	35.40	9.10	687.49
RW-31	716.23	10/6/2020	24.99	36.40	11.41	688.18
RW-31	716.23	10/19/2020	22.55	46.14	23.59	687.37
RW-31	716.23	11/9/2020	22.74	48.18	25.44	686.68
RW-31	716.23	11/23/2020	22.91	NW	>25.16	N/A
RW-31	716.23	12/26/2020	21.08	46.13	25.05	688.44
RW-31	716.23	2/1/2021	22.42	46.16	23.74	687.46
RW-31	716.23	3/4/2021	22.31	NW	>23.69	N/A
RW-31	714.14	4/1/2021	25.65	43.79	18.14	683.64
RW-31	714.14	4/29/2021	27.16	36.59	9.43	684.46
RW-31	714.14	5/26/2021	28.82	31.90	3.08	684.50
RW-31	714.14	6/9/2021	29.12	31.72	2.60	684.32
RW-31	714.14	7/1/2021	29.72	31.67	1.95	683.90
RW-31	714.14	7/14/2021	29.74	32.31	2.57	683.71
RW-31	714.14	7/28/2021	30.48	34.25	3.77	682.65
RW-32	716.45	9/28/2020	26.65	38.78	12.13	686.55
RW-32	716.45	10/2/2020	27.50	36.95	9.45	686.42
RW-32	716.45	10/6/2020	27.31	33.30	5.99	687.53
RW-32	716.45	10/8/2020	27.31	33.30	5.99	687.53
RW-32	716.45	10/19/2020	26.89	39.24	12.35	686.25
RW-32	716.45	11/9/2020	27.04	40.14	13.10	685.90
RW-32	716.45	11/23/2020	27.15	40.37	13.22	685.76
RW-32	716.45	12/26/2020	25.31	39.55	14.24	687.32
RW-32	716.45	2/1/2021	28.39	40.42	12.03	684.84
RW-32	716.45	3/4/2021	28.18	38.28	10.10	685.56
RW-32	716.45	4/1/2021	29.62	36.99	7.37	684.85
RW-32	716.45	4/29/2021	30.59	35.51	4.92	684.54
RW-32	716.45	5/26/2021	30.65	34.23	3.58	684.84
RW-32	716.45	6/9/2021	31.06	34.11	3.05	684.57
RW-32	716.45	7/1/2021	31.33	34.24	2.91	684.34
RW-32	716.45	7/14/2021	31.21	34.27	3.06	684.42
RW-32	716.45	7/28/2021	32.17	34.48	2.31	683.66

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-33	716.59	9/28/2020	ND	31.60	0.00	684.99
RW-33	716.59	10/9/2020	ND	30.88	0.00	685.71
RW-33	716.59	10/19/2020	ND	30.90	0.00	685.69
RW-33	716.59	11/9/2020	ND	31.24	0.00	685.35
RW-33	716.59	11/23/2020	31.25	31.31	0.06	685.32
RW-33	716.59	12/26/2020	31.33	32.34	1.01	684.99
RW-33	716.59	2/1/2021	29.70	38.67	8.97	684.49
RW-33	716.59	3/4/2021	29.94	35.54	5.60	685.15
RW-33	716.59	4/1/2021	29.92	37.13	7.21	684.74
RW-33	716.59	4/29/2021	30.58	37.00	6.42	684.29
RW-33	716.59	5/26/2021	30.50	36.46	5.96	684.50
RW-33	716.59	6/9/2021	30.77	36.74	5.97	684.22
RW-33	716.59	7/1/2021	31.20	36.72	5.52	683.91
RW-33	716.59	7/14/2021	31.27	36.38	5.11	683.95
RW-33	716.59	7/28/2021	31.82	37.49	5.67	683.25
RW-34	735.92	9/28/2020	33.95	43.25	9.30	699.48
RW-34	735.92	10/2/2020	42.78	43.50	0.72	692.94
RW-34	735.92	10/7/2020	42.59	43.31	0.72	693.13
RW-34	735.92	10/19/2020	42.64	43.73	1.09	692.98
RW-34	735.92	11/9/2020	42.21	45.75	3.54	692.76
RW-34	735.92	11/23/2020	41.91	46.26	4.35	692.84
RW-34	735.92	12/26/2020	39.03	48.84	9.81	694.26
RW-34	735.92	2/1/2021	40.58	48.31	7.73	693.27
RW-34	735.92	3/4/2021	40.61	NW	>7.89	N/A
RW-34	735.92	4/1/2021	41.63	48.65	7.02	692.41
RW-34	735.92	4/29/2021	42.06	48.24	6.18	692.20
RW-34	735.92	5/26/2021	42.64	47.52	4.88	691.97
RW-34	735.92	6/9/2021	42.69	48.14	5.45	691.77
RW-34	735.92	7/1/2021	42.65	48.18	5.53	691.79
RW-34	735.92	7/14/2021	43.62	47.11	3.49	691.36
RW-34	735.92	7/28/2021	43.88	47.05	3.17	691.19

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-35	740.16	10/2/2020	41.25	53.80	12.55	695.55
RW-35	740.16	10/7/2020	42.31	47.66	5.35	696.42
RW-35	740.16	10/19/2020	40.44	53.16	12.72	696.32
RW-35	740.16	11/9/2020	40.87	53.48	12.61	695.92
RW-35	740.16	11/23/2020	41.56	53.07	11.51	695.52
RW-35	740.16	12/26/2020	41.96	54.60	12.64	694.82
RW-35	740.16	2/1/2021	43.28	52.67	9.39	694.37
RW-35	740.16	3/4/2021	43.72	53.11	9.39	693.93
RW-35	740.16	4/1/2021	ND	44.67	0.00	695.49
RW-35	740.16	4/29/2021	44.91	53.92	9.01	692.84
RW-35	740.16	5/26/2021	46.31	49.48	3.17	693.00
RW-35	740.16	6/9/2021	46.84	49.43	2.59	692.63
RW-35	740.16	7/1/2021	48.05	49.70	1.65	691.67
RW-35	740.16	7/14/2021	48.56	49.75	1.19	691.28
RW-35	740.16	7/28/2021	48.78	50.12	1.34	691.02
RW-36	743.69	10/2/2020	45.00	58.63	13.63	695.04
RW-36	743.69	10/7/2020	45.22	56.81	11.59	695.37
RW-36	743.69	10/19/2020	45.39	59.40	14.01	694.55
RW-36	743.69	11/9/2020	45.84	58.68	12.84	694.42
RW-36	743.69	11/23/2020	46.10	59.50	13.40	694.01
RW-36	743.69	12/26/2020	44.45	56.67	12.22	695.97
RW-36	743.69	2/1/2021	46.24	55.27	9.03	695.03
RW-36	741.45	3/4/2021	46.87	54.63	7.76	692.50
RW-36	741.45	4/1/2021	ND	47.92	0.00	693.53
RW-36	741.45	4/29/2021	48.28	53.36	5.08	691.81
RW-36	741.45	5/26/2021	48.44	52.34	3.90	691.97
RW-36	741.45	6/9/2021	48.99	52.77	3.78	691.45
RW-36	741.45	7/1/2021	49.68	54.21	4.53	690.56
RW-36	741.45	7/14/2021	49.85	54.65	4.80	690.32
RW-36	741.45	7/28/2021	50.02	54.97	4.95	690.11

Table 4
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-37	744.77	10/8/2020	51.74	53.64	1.90	692.52
RW-37	744.77	10/19/2020	52.15	52.87	0.72	692.43
RW-37	744.77	11/9/2020	51.95	53.65	1.70	692.37
RW-37	744.77	11/23/2020	52.16	53.30	1.14	692.31
RW-37	744.77	12/26/2020	49.85	52.54	2.69	694.20
RW-37	744.77	2/1/2021	49.83	53.88	4.05	693.86
RW-37	742.78	3/4/2021	50.10	53.06	2.96	691.89
RW-37	742.78	4/1/2021	50.51	50.96	0.45	692.15
RW-37	742.78	4/29/2021	50.79	51.94	1.15	691.68
RW-37	742.78	5/26/2021	50.74	52.13	1.39	691.67
RW-37	742.78	6/9/2021	51.11	51.81	0.70	691.48
RW-37	742.78	7/1/2021	51.53	52.05	0.52	691.11
RW-37	742.78	7/14/2021	51.65	52.16	0.51	690.99
RW-37	742.78	7/28/2021	51.90	52.38	0.48	690.75
RW-38	739.72	10/2/2020	38.70	49.00	10.30	698.27
RW-38	739.72	10/7/2020	39.38	45.53	6.15	698.70
RW-38	739.72	10/19/2020	38.15	49.55	11.40	698.52
RW-38	739.72	11/9/2020	39.17	49.60	10.43	697.76
RW-38	739.72	11/23/2020	39.71	NW	>9.97	N/A
RW-38	739.72	12/26/2020	38.12	47.70	9.58	699.04
RW-38	739.72	2/1/2021	39.17	46.70	7.53	698.54
RW-38	737.33	3/4/2021	39.92	47.00	7.08	695.52
RW-38	737.33	4/1/2021	ND	41.29	0.00	696.04
RW-38	737.33	4/29/2021	42.14	43.90	1.76	694.72
RW-38	737.33	5/26/2021	42.53	42.95	0.42	694.69
RW-38	737.33	6/9/2021	42.92	43.08	0.16	694.37
RW-38	737.33	7/1/2021	43.38	43.60	0.22	693.89
RW-38	737.33	7/14/2021	43.77	43.91	0.14	693.52
RW-38	737.33	7/28/2021	44.14	44.36	0.22	693.13

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-39	721.77	10/8/2020	ND	32.44	0.00	689.33
RW-39	721.77	10/19/2020	32.49	32.66	0.17	689.24
RW-39	721.77	11/9/2020	32.47	32.64	0.17	689.26
RW-39	721.77	11/23/2020	ND	32.41	0.00	689.36
RW-39	721.77	12/26/2020	32.34	32.49	0.15	689.39
RW-39	721.77	1/19/2021	32.70	32.81	0.11	689.04
RW-39	721.77	1/25/2021	32.63	32.79	0.16	689.10
RW-39	721.77	2/1/2021	32.45	32.60	0.15	689.28
RW-39	721.77	2/8/2021	33.05	33.14	0.09	688.70
RW-39	721.77	2/16/2021	32.68	32.75	0.07	689.07
RW-39	721.77	2/22/2021	32.51	32.56	0.05	689.25
RW-39	721.77	3/4/2021	32.22	32.40	0.18	689.50
RW-39	721.77	3/8/2021	32.60	32.65	0.05	689.16
RW-39	721.77	3/15/2021	32.55	32.60	0.05	689.21
RW-39	721.77	3/22/2021	32.43	32.46	0.03	689.33
RW-39	721.77	4/1/2021	32.12	32.15	0.03	689.64
RW-39	721.77	4/12/2021	32.20	32.24	0.04	689.56
RW-39	721.77	4/19/2021	32.20	32.22	0.02	689.56
RW-39	721.77	4/29/2021	31.88	31.89	0.01	689.89
RW-39	721.77	5/3/2021	32.06	32.09	0.03	689.70
RW-39	721.77	5/10/2021	33.00	33.03	0.03	688.76
RW-39	721.77	5/18/2021	31.99	32.02	0.03	689.77
RW-39	721.77	5/26/2021	31.88	31.90	0.02	689.88
RW-39	721.77	5/31/2021	32.17	32.20	0.03	689.59
RW-39	721.77	6/7/2021	32.25	32.29	0.04	689.51
RW-39	721.77	6/14/2021	32.28	32.31	0.03	689.48
RW-39	721.77	6/21/2021	32.46	32.49	0.03	689.30
RW-39	721.77	7/1/2021	32.46	32.54	0.08	689.29
RW-39	721.77	7/6/2021	33.88	33.92	0.04	687.88
RW-39	721.77	7/14/2021	32.81	32.89	0.08	688.94
RW-39	721.77	7/28/2021	33.29	33.38	0.09	688.46
RW-39	721.77	8/2/2021	33.82	33.91	0.09	687.93
RW-39	721.77	8/16/2021	33.88	34.72	0.84	687.67

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-40	722.94	10/8/2020	ND	33.34	0.00	689.60
RW-40	722.94	10/19/2020	ND	33.50	0.00	689.44
RW-40	722.94	11/9/2020	ND	33.42	0.00	689.52
RW-40	722.94	11/23/2020	ND	32.57	0.00	690.37
RW-40	722.94	12/26/2020	ND	33.30	0.00	689.64
RW-40	722.94	1/19/2021	ND	33.76	0.00	689.18
RW-40	722.94	1/25/2021	ND	33.69	0.00	689.25
RW-40	722.94	2/1/2021	ND	33.47	0.00	689.47
RW-40	722.94	2/8/2021	ND	34.11	0.00	688.83
RW-40	722.94	2/16/2021	ND	33.72	0.00	689.22
RW-40	722.94	2/22/2021	ND	33.57	0.00	689.37
RW-40	722.94	3/4/2021	ND	33.38	0.00	689.56
RW-40	722.94	3/8/2021	ND	33.64	0.00	689.30
RW-40	722.94	3/16/2021	ND	33.67	0.00	689.27
RW-40	722.94	3/22/2021	ND	33.50	0.00	689.44
RW-40	722.94	4/1/2021	ND	33.15	0.00	689.79
RW-40	722.94	4/12/2021	ND	33.28	0.00	689.66
RW-40	722.94	4/19/2021	ND	33.26	0.00	689.68
RW-40	722.94	4/29/2021	ND	32.91	0.00	690.03
RW-40	722.94	5/3/2021	ND	33.08	0.00	689.86
RW-40	722.94	5/18/2021	ND	32.95	0.00	689.99
RW-40	722.94	5/26/2021	ND	32.82	0.00	690.12
RW-40	722.94	5/31/2021	ND	33.15	0.00	689.79
RW-40	722.94	6/7/2021	ND	33.21	0.00	689.73
RW-40	722.94	6/14/2021	ND	33.25	0.00	689.69
RW-40	722.94	6/21/2021	ND	33.38	0.00	689.56
RW-40	722.94	7/1/2021	ND	33.34	0.00	689.60
RW-40	722.94	7/6/2021	ND	33.84	0.00	689.10
RW-40	722.94	7/14/2021	ND	33.77	0.00	689.17
RW-40	722.94	7/28/2021	ND	34.17	0.00	688.77
RW-40	722.94	8/2/2021	ND	34.64	0.00	688.30
RW-40	722.94	8/16/2021	ND	34.93	0.00	688.01

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-41	735.51	11/23/2020	Dry	Dry	Dry	Dry
RW-41	735.51	12/26/2020	Dry	Dry	Dry	Dry
RW-41	735.51	2/1/2021	Dry	Dry	Dry	Dry
RW-41	735.51	3/4/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/1/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/12/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/19/2021	Dry	Dry	Dry	Dry
RW-41	735.51	4/29/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/3/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/10/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/18/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/26/2021	Dry	Dry	Dry	Dry
RW-41	735.51	5/31/2021	Dry	Dry	Dry	Dry
RW-41	735.51	6/9/2021	Dry	Dry	Dry	Dry
RW-41	735.51	6/14/2021	Dry	Dry	Dry	Dry
RW-41	735.51	6/21/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/1/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/6/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/14/2021	Dry	Dry	Dry	Dry
RW-41	735.51	7/28/2021	Dry	Dry	Dry	Dry
RW-41	735.51	8/2/2021	Dry	Dry	Dry	Dry
RW-41	735.51	8/16/2021	Dry	Dry	Dry	Dry
RW-42	733.80	11/23/2020	Dry	Dry	Dry	Dry
RW-42	733.80	12/26/2020	Dry	Dry	Dry	Dry
RW-42	733.80	1/25/2021	Dry	Dry	Dry	Dry
RW-42	733.80	2/1/2021	Dry	Dry	Dry	Dry
RW-42	733.80	2/8/2021	Dry	Dry	Dry	Dry
RW-42	733.80	3/4/2021	Dry	Dry	Dry	Dry
RW-42	733.80	4/1/2021	ND	31.29	0.00	702.51
RW-42	733.80	4/12/2021	ND	31.32	0.00	702.48
RW-42	733.80	4/19/2021	Dry	Dry	Dry	Dry
RW-42	733.80	4/29/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/3/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/10/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/18/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/26/2021	Dry	Dry	Dry	Dry
RW-42	733.80	5/31/2021	Dry	Dry	Dry	Dry
RW-42	733.80	6/9/2021	Dry	Dry	Dry	Dry
RW-42	733.80	6/14/2021	Dry	Dry	Dry	Dry
RW-42	733.80	6/21/2021	Dry	Dry	Dry	Dry
RW-42	733.80	7/1/2021	Dry	Dry	Dry	Dry
RW-42	733.80	7/6/2021	Dry	Dry	Dry	Dry
RW-42	733.80	7/14/2021	Dry	Dry	Dry	Dry
RW-42	734.80	7/28/2021	Dry	Dry	Dry	Dry
RW-42	734.80	8/2/2021	Dry	Dry	Dry	Dry
RW-42	734.80	8/16/2021	Dry	Dry	Dry	Dry

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-43	737.70	11/23/2020	37.26	41.71	4.45	699.25
RW-43	737.70	12/26/2020	ND	38.56	0.00	699.14
RW-43	737.70	2/1/2021	39.02	41.50	2.48	698.02
RW-43	737.70	3/4/2021	39.60	40.78	1.18	697.78
RW-43	737.70	4/1/2021	ND	40.05	0.00	697.65
RW-43	737.70	4/29/2021	39.69	39.83	0.14	697.97
RW-43	737.70	5/26/2021	39.72	39.75	0.03	697.97
RW-43	737.70	6/9/2021	ND	39.94	0.00	697.76
RW-43	737.70	7/1/2021	40.19	40.43	0.24	697.45
RW-43	737.70	7/14/2021	40.41	40.44	0.03	697.28
RW-43	737.70	7/28/2021	40.65	40.90	0.25	696.98
RW-44	738.21	11/23/2020	Dry	Dry	Dry	Dry
RW-44	738.21	12/26/2020	Dry	Dry	Dry	Dry
RW-44	738.21	1/19/2021	Dry	Dry	Dry	Dry
RW-44	738.21	1/25/2021	Dry	Dry	Dry	Dry
RW-44	738.21	2/1/2021	Dry	Dry	Dry	Dry
RW-44	738.21	2/8/2021	Dry	Dry	Dry	Dry
RW-44	738.21	2/22/2021	Dry	Dry	Dry	Dry
RW-44	738.21	3/4/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/1/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/12/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/19/2021	Dry	Dry	Dry	Dry
RW-44	738.21	4/29/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/3/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/10/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/18/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/26/2021	Dry	Dry	Dry	Dry
RW-44	738.21	5/31/2021	Dry	Dry	Dry	Dry
RW-44	738.21	6/9/2021	Dry	Dry	Dry	Dry
RW-44	738.21	6/14/2021	Dry	Dry	Dry	Dry
RW-44	738.21	6/21/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/1/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/6/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/14/2021	Dry	Dry	Dry	Dry
RW-44	738.21	7/28/2021	Dry	Dry	Dry	Dry
RW-44	738.21	8/2/2021	Dry	Dry	Dry	Dry
RW-44	738.21	8/16/2021	Dry	Dry	Dry	Dry

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-45	722.04	11/23/2020	31.05	32.01	0.96	690.73
RW-45	722.04	12/26/2020	31.04	31.48	0.44	690.88
RW-45	722.04	2/1/2021	31.18	32.69	1.51	690.46
RW-45	722.04	3/4/2021	31.44	31.58	0.14	690.56
RW-45	722.04	4/1/2021	31.63	31.64	0.01	690.41
RW-45	722.04	4/29/2021	31.49	31.58	0.09	690.53
RW-45	722.04	5/26/2021	32.16	32.18	0.02	689.87
RW-45	722.04	6/9/2021	32.49	32.52	0.03	689.54
RW-45	722.04	7/1/2021	32.94	32.98	0.04	689.09
RW-45	722.04	7/14/2021	ND	33.34	0.00	688.70
RW-45	722.04	7/28/2021	33.82	33.88	0.06	688.20
RW-46	716.92	11/23/2020	23.02	NW	>20.99	N/A
RW-46	716.92	12/26/2020	24.10	43.70	19.60	687.58
RW-46	716.92	1/25/2021	Dry	Dry	Dry	Dry
RW-46	716.92	2/1/2021	26.60	43.43	16.83	685.82
RW-46	716.92	2/8/2021	ARP	ARP	ARP	ARP
RW-46	716.92	3/4/2021	26.46	41.42	14.96	686.46
RW-46	716.66	4/1/2021	28.38	36.76	8.38	686.03
RW-46	716.66	4/29/2021	28.61	35.09	6.48	686.32
RW-46	716.66	5/26/2021	30.14	33.76	3.62	685.55
RW-46	716.66	6/9/2021	30.85	33.04	2.19	685.23
RW-46	716.66	7/1/2021	31.10	34.19	3.09	684.74
RW-46	716.66	7/14/2021	31.89	33.02	1.13	684.47
RW-46	716.66	7/28/2021	32.42	35.08	2.66	683.53
RW-47	726.60	12/26/2020	27.60	40.80	13.20	695.47
RW-47	726.60	2/1/2021	29.94	35.94	6.00	695.05
RW-47	726.60	3/4/2021	30.01	33.49	3.48	695.66
RW-47	725.40	4/1/2021	29.50	34.45	4.95	694.58
RW-47	725.40	4/29/2021	28.83	34.58	5.75	695.03
RW-47	725.40	5/26/2021	30.37	32.90	2.53	694.35
RW-47	725.40	6/9/2021	30.58	31.90	1.32	694.47
RW-47	725.40	7/1/2021	30.58	32.93	2.35	694.19
RW-47	725.40	7/14/2021	30.91	33.39	2.48	693.83
RW-47	725.40	7/28/2021	32.07	33.01	0.94	693.08

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-48	741.03	12/26/2020	33.82	34.54	0.72	707.02
RW-48	741.03	2/1/2021	48.55	51.58	3.03	691.67
RW-48	741.03	3/4/2021	48.48	51.78	3.30	691.67
RW-48	741.03	4/1/2021	48.82	51.21	2.39	691.57
RW-48	741.03	4/29/2021	48.90	50.73	1.83	691.64
RW-48	741.03	5/26/2021	49.14	50.36	1.22	691.56
RW-48	741.03	6/9/2021	33.73	33.85	0.12	707.27
RW-48	741.03	7/1/2021	49.74	50.17	0.43	691.17
RW-48	741.03	7/14/2021	49.96	50.32	0.36	690.97
RW-48	741.03	7/28/2021	50.14	50.41	0.27	690.82
RW-49	730.47	2/1/2021	36.13	37.90	1.77	693.87
RW-49	730.47	3/4/2021	36.87	37.68	0.81	693.38
RW-49	730.47	4/1/2021	37.31	37.44	0.13	693.13
RW-49	730.47	4/29/2021	ND	37.13	0.00	693.34
RW-49	730.47	5/26/2021	38.05	38.49	0.44	692.30
RW-49	730.47	6/9/2021	38.49	38.98	0.49	691.85
RW-49	730.47	7/1/2021	39.04	39.80	0.76	691.23
RW-49	730.47	7/14/2021	39.57	40.72	1.15	690.59
RW-49	730.47	7/28/2021	39.86	39.94	0.08	690.59
RW-50	733.87	2/1/2021	40.40	40.89	0.49	693.34
RW-50	733.87	3/4/2021	40.31	41.26	0.95	693.30
RW-50	733.87	4/1/2021	40.81	41.27	0.46	692.93
RW-50	733.87	4/29/2021	40.21	41.56	1.35	693.30
RW-50	733.87	5/26/2021	ND	41.42	0.00	692.45
RW-50	733.87	6/9/2021	ND	41.76	0.00	692.11
RW-50	733.87	7/1/2021	ND	42.29	0.00	691.58
RW-50	733.87	7/14/2021	ND	42.58	0.00	691.29
RW-50	733.87	7/28/2021	42.67	42.69	0.02	691.19
RW-51	734.12	2/1/2021	40.18	42.23	2.05	693.39
RW-51	734.12	3/4/2021	40.17	42.64	2.47	693.29
RW-51	734.12	4/1/2021	ND	40.85	0.00	693.27
RW-51	734.12	4/29/2021	40.64	41.60	0.96	693.22
RW-51	734.12	5/26/2021	41.51	42.31	0.80	692.40
RW-51	734.12	6/9/2021	41.81	42.57	0.76	692.11
RW-51	734.12	7/1/2021	42.34	43.29	0.95	691.53
RW-51	734.12	7/14/2021	42.91	43.64	0.73	691.01
RW-51	734.12	7/28/2021	43.18	42.89	-0.29	691.02

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-52	726.96	2/1/2021	28.96	35.10	6.14	696.36
RW-52	726.96	3/4/2021	30.08	33.98	3.90	695.84
RW-52	726.96	4/1/2021	ND	30.56	0.00	696.40
RW-52	726.96	4/29/2021	30.20	32.94	2.74	696.03
RW-52	726.96	5/26/2021	31.26	33.02	1.76	695.23
RW-52	726.96	6/9/2021	31.65	33.25	1.60	694.88
RW-52	726.96	7/1/2021	32.29	33.35	1.06	694.39
RW-52	726.96	7/14/2021	32.77	33.52	0.75	693.99
RW-52	726.96	7/28/2021	32.78	33.02	0.24	694.11
RW-53	725.48	2/1/2021	27.42	30.00	2.58	697.37
RW-53	725.48	3/4/2021	28.02	30.80	2.78	696.72
RW-53	725.48	4/1/2021	28.51	29.36	0.85	696.75
RW-53	725.48	4/29/2021	28.19	30.15	1.96	696.77
RW-53	725.48	5/26/2021	29.15	30.20	1.05	696.05
RW-53	725.48	6/9/2021	29.63	30.35	0.72	695.66
RW-53	725.48	7/1/2021	30.14	31.02	0.88	695.11
RW-53	725.48	7/14/2021	30.44	31.46	1.02	694.77
RW-53	725.48	7/28/2021	30.45	31.00	0.55	694.89
RW-54	727.86	2/1/2021	29.96	43.34	13.38	694.32
RW-54	727.86	3/4/2021	32.95	38.43	5.48	693.44
RW-54	727.86	4/1/2021	ND	31.34	0.00	696.52
RW-54	727.86	4/29/2021	32.34	38.30	5.96	693.92
RW-54	727.86	5/26/2021	34.15	37.99	3.84	692.68
RW-54	727.86	6/9/2021	34.90	37.82	2.92	692.18
RW-54	727.86	7/1/2021	35.77	38.08	2.31	691.47
RW-54	727.86	7/14/2021	36.50	38.61	2.11	690.79
RW-54	727.86	7/28/2021	36.73	38.17	1.44	690.74
RW-55	723.05	1/25/2021	27.15	35.11	7.96	693.77
RW-55	723.05	2/1/2021	26.91	35.48	8.57	693.85
RW-55	723.05	2/8/2021	ARP	ARP	ARP	ARP
RW-55	723.05	3/4/2021	27.12	31.21	4.09	694.84
RW-55	723.05	4/1/2021	27.55	29.92	2.37	694.87
RW-55	723.05	4/29/2021	27.24	28.98	1.74	695.35
RW-55	723.05	5/26/2021	28.82	29.91	1.09	693.94
RW-55	723.05	6/9/2021	29.29	29.99	0.70	693.57
RW-55	723.05	7/1/2021	30.04	30.39	0.35	692.92
RW-55	723.05	7/14/2021	29.89	30.05	0.16	693.12
RW-55	723.05	7/28/2021	29.83	30.13	0.30	693.14

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RW-56	723.99	1/25/2021	31.85	31.86	0.01	692.14
RW-56	723.99	2/1/2021	31.76	31.91	0.15	692.19
RW-56	723.99	2/8/2021	ARP	ARP	ARP	ARP
RW-56	723.99	3/4/2021	29.18	30.17	0.99	694.55
RW-56	723.99	4/1/2021	29.71	29.92	0.21	694.23
RW-56	723.99	4/29/2021	28.93	29.91	0.98	694.80
RW-56	723.99	5/26/2021	30.04	31.23	1.19	693.63
RW-56	723.99	6/9/2021	30.88	31.44	0.56	692.96
RW-56	723.99	7/1/2021	31.88	31.98	0.10	692.09
RW-56	723.99	7/14/2021	32.10	32.35	0.25	691.83
RW-56	723.99	7/28/2021	ND	32.06	0.00	691.93
RW-57	713.57	3/15/2021	ARP	ARP	ARP	ARP
RW-57	713.57	3/22/2021	ARP	ARP	ARP	ARP
RW-57	713.57	4/1/2021	25.42	41.45	16.03	683.86
RW-57	713.57	4/29/2021	26.78	36.98	10.20	684.06
RW-57	713.57	5/26/2021	27.43	35.36	7.93	684.02
RW-57	713.57	6/9/2021	27.75	35.08	7.33	683.86
RW-57	713.57	7/1/2021	28.38	34.86	6.48	683.46
RW-57	713.57	7/14/2021	28.56	34.89	6.33	683.32
RW-57	713.57	7/28/2021	29.16	36.88	7.72	682.35
RW-58	714.85	3/15/2021	27.92	50.10	22.18	681.00
RW-58	714.85	3/22/2021	ARP	ARP	ARP	ARP
RW-58	714.85	4/1/2021	28.34	31.02	2.68	685.79
RW-58	714.85	4/29/2021	29.50	36.43	6.93	683.50
RW-58	714.85	5/26/2021	30.26	33.28	3.02	683.78
RW-58	714.85	6/9/2021	30.83	32.43	1.60	683.59
RW-58	714.85	7/1/2021	31.34	32.25	0.91	683.27
RW-58	714.85	7/14/2021	31.40	32.38	0.98	683.19
RW-58	714.85	7/28/2021	32.37	33.51	1.14	682.18
RW-59	714.75	3/15/2021	29.39	45.84	16.45	680.96
RW-59	714.75	3/22/2021	ARP	ARP	ARP	ARP
RW-59	714.75	4/1/2021	29.75	37.94	8.19	682.81
RW-59	714.75	4/29/2021	30.39	36.15	5.76	682.82
RW-59	714.75	5/26/2021	31.18	32.80	1.62	683.13
RW-59	714.75	6/9/2021	31.18	33.55	2.37	682.93
RW-59	714.75	7/1/2021	31.78	32.75	0.97	682.71
RW-59	714.75	7/14/2021	31.74	32.73	0.99	682.74
RW-59	714.75	7/28/2021	32.45	34.05	1.60	681.87
RW-60	714.09	3/15/2021	27.04	43.89	16.85	682.54
RW-60	714.09	3/22/2021	ARP	ARP	ARP	ARP
RW-60	714.09	4/1/2021	29.45	37.42	7.97	682.51
RW-60	714.09	4/29/2021	30.48	34.46	3.98	682.55
RW-60	714.09	5/26/2021	29.65	35.60	5.95	682.85
RW-60	714.09	6/9/2021	31.19	32.41	1.22	682.57
RW-60	714.09	7/1/2021	31.28	33.15	1.87	682.31
RW-60	714.09	7/14/2021	30.54	34.86	4.32	682.39
RW-60	714.09	7/28/2021	32.37	33.50	1.13	681.42

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RW-61	713.59	4/1/2021	29.36	35.81	6.45	682.50
RW-61	713.59	4/29/2021	30.68	33.97	3.29	682.03
RW-61	713.59	5/26/2021	30.38	33.47	3.09	682.39
RW-61	713.59	6/9/2021	30.68	33.76	3.08	682.09
RW-61	713.59	7/1/2021	30.98	33.79	2.81	681.86
RW-61	713.59	7/14/2021	30.87	33.84	2.97	681.93
RW-61	713.59	7/28/2021	31.71	34.65	2.94	681.10
RW-62	716.21	4/1/2021	30.95	38.66	7.71	683.20
RW-62	716.21	4/29/2021	32.20	36.18	3.98	682.94
RW-62	716.21	5/26/2021	31.94	36.23	4.29	683.12
RW-62	716.21	6/9/2021	32.33	35.78	3.45	682.96
RW-62	716.21	7/1/2021	32.80	35.69	2.89	682.64
RW-62	716.21	7/14/2021	32.65	35.50	2.85	682.80
RW-62	716.21	7/28/2021	33.33	36.47	3.14	682.04
RW-63	716.42	5/26/2021	30.22	34.10	3.88	685.16
RW-63	716.42	6/9/2021	30.78	33.41	2.63	684.94
RW-63	716.42	7/1/2021	30.96	34.97	4.01	684.39
RW-63	716.42	7/14/2021	31.67	33.71	2.04	684.20
RW-63	716.42	7/28/2021	32.21	35.72	3.51	683.27
RW-64	716.89	5/26/2021	26.70	30.65	3.95	689.13
RW-64	716.89	6/9/2021	27.04	30.46	3.42	688.94
RW-64	716.89	7/1/2021	27.54	30.37	2.83	688.59
RW-64	716.89	7/14/2021	27.78	30.41	2.63	688.41
RW-64	716.89	7/28/2021	28.39	30.46	2.07	687.95
RW-65	718.07	5/26/2021	31.08	34.65	3.57	686.03
RW-65	718.07	6/9/2021	31.21	35.19	3.98	685.79
RW-65	718.07	7/1/2021	31.79	35.48	3.69	685.29
RW-65	718.07	7/14/2021	32.08	35.65	3.57	685.03
RW-65	718.07	7/28/2021	32.75	36.80	4.05	684.23
RW-66	718.01	5/26/2021	32.71	35.36	2.65	684.59
RW-66	718.01	6/9/2021	33.02	35.21	2.19	684.40
RW-66	718.01	7/1/2021	33.66	35.07	1.41	683.97
RW-66	718.01	7/14/2021	33.58	35.00	1.42	684.05
RW-66	718.01	7/28/2021	34.22	35.19	0.97	683.53
RW-67	716.58	6/9/2021	31.49	32.62	1.13	684.79
RW-67	716.58	7/1/2021	31.74	32.84	1.10	684.54
RW-67	716.58	7/14/2021	31.46	33.51	2.05	684.57
RW-67	716.58	7/28/2021	32.58	33.24	0.66	683.82

Table 4
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
RW-68	716.02	6/9/2021	30.20	33.46	3.26	684.95
RW-68	716.02	7/1/2021	30.60	34.10	3.50	684.48
RW-68	716.02	7/14/2021	30.55	35.15	4.60	684.24
RW-68	716.02	7/28/2021	31.04	36.71	5.67	683.46
RW-69	717.51	6/9/2021	30.98	32.39	1.41	686.15
RW-69	717.51	7/1/2021	30.65	35.53	4.88	685.55
RW-69	717.51	7/14/2021	31.29	34.95	3.66	685.24
RW-69	717.51	7/28/2021	32.16	35.67	3.51	684.41
RW-70	NM	8/16/2021	42.31	47.40	5.09	--
RW-71	NM	8/2/2021	33.65	36.48	2.83	--
RW-71	NM	8/16/2021	32.93	33.93	1.00	--
RW-72	NM	8/2/2021	31.23	32.55	1.32	--
RW-72	NM	8/16/2021	31.68	33.93	2.25	--
RW-73	NM	8/2/2021	29.18	32.85	3.67	--
RW-75	NM	8/16/2021	23.23	28.40	5.17	--
RW-76	NM	8/16/2021	22.66	31.72	9.06	--
RW-77	NM	8/16/2021	47.35	54.44	7.09	--
RW-78	NM	8/16/2021	ND	49.38	0.00	--

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Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
Hydraulic Control Wells						
HCW-01	742.48	1/19/2021	ND	50.90	0.00	691.58
HCW-01	742.48	1/25/2021	ND	50.86	0.00	691.62
HCW-01	742.48	2/1/2021	50.14	52.59	2.45	691.69
HCW-01	742.48	2/8/2021	50.35	53.38	3.03	691.32
HCW-01	742.48	2/16/2021	50.02	53.08	3.06	691.64
HCW-01	742.48	2/22/2021	50.00	53.09	3.09	691.65
HCW-01	742.48	3/4/2021	49.90	53.14	3.24	691.71
HCW-01	742.48	3/8/2021	50.16	53.45	3.29	691.44
HCW-01	742.48	3/11/2021	50.10	53.34	3.24	691.51
HCW-01	742.48	3/15/2021	50.08	53.38	3.30	691.52
HCW-01	742.48	3/22/2021	50.09	53.19	3.10	691.56
HCW-01	742.48	4/1/2021	50.05	53.10	3.05	691.61
HCW-01	742.48	4/12/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	4/19/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	4/29/2021	50.81	51.58	0.77	691.46
HCW-01	742.48	5/3/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	5/10/2021	ARP	ARP	ARP	ARP
HCW-01	742.48	5/26/2021	50.86	51.37	0.51	691.48
HCW-01	742.48	6/9/2021	50.90	51.66	0.76	691.38
HCW-01	742.48	7/1/2021	51.17	51.40	0.23	691.25
HCW-01	742.48	7/14/2021	51.32	51.44	0.12	691.13
HCW-01	742.48	7/28/2021	51.55	51.88	0.33	690.84
HCW-02	744.96	1/19/2021	ND	53.12	0.00	691.84
HCW-02	744.96	1/25/2021	ND	53.12	0.00	691.84
HCW-02	744.96	2/1/2021	ND	53.03	0.00	691.93
HCW-02	744.96	2/8/2021	ND	53.39	0.00	691.57
HCW-02	744.96	2/16/2021	ND	53.09	0.00	691.87
HCW-02	744.96	2/22/2021	ND	53.11	0.00	691.85
HCW-02	744.96	3/4/2021	ND	53.10	0.00	691.86
HCW-02	744.96	3/8/2021	ND	53.15	0.00	691.81
HCW-02	744.96	3/15/2021	ND	53.26	0.00	691.70
HCW-02	744.96	3/22/2021	ND	53.15	0.00	691.81
HCW-02	744.96	4/1/2021	ND	53.17	0.00	691.79
HCW-02	744.96	4/12/2021	ND	53.28	0.00	691.68
HCW-02	744.96	4/19/2021	ND	53.35	0.00	691.61
HCW-02	744.96	4/29/2021	ND	53.14	0.00	691.82
HCW-02	744.96	5/3/2021	ND	53.23	0.00	691.73
HCW-02	744.96	5/10/2021	ND	53.41	0.00	691.55
HCW-02	744.96	5/18/2021	ND	53.33	0.00	691.63
HCW-02	744.96	5/26/2021	ND	53.14	0.00	691.82
HCW-02	744.96	5/31/2021	ND	53.27	0.00	691.69
HCW-02	744.96	6/7/2021	ND	53.32	0.00	691.64
HCW-02	744.96	6/14/2021	ND	53.16	0.00	691.80
HCW-02	744.96	6/21/2021	ND	53.44	0.00	691.52
HCW-02	744.96	7/1/2021	ND	53.37	0.00	691.59
HCW-02	744.96	7/6/2021	ND	53.57	0.00	691.39
HCW-02	744.96	7/14/2021	ND	43.56	0.00	701.40
HCW-02	744.96	7/28/2021	ND	53.73	0.00	691.23
HCW-02	744.96	8/2/2021	ND	54.09	0.00	690.87
HCW-02	744.96	8/16/2021	ND	54.16	0.00	690.80

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-03	745.48	1/19/2021	ND	53.85	0.00	691.63
HCW-03	745.48	1/25/2021	ND	53.78	0.00	691.70
HCW-03	745.48	2/1/2021	ND	53.72	0.00	691.76
HCW-03	745.48	2/8/2021	ND	54.08	0.00	691.40
HCW-03	745.48	2/16/2021	ND	53.29	0.00	692.19
HCW-03	745.48	2/22/2021	ND	53.78	0.00	691.70
HCW-03	745.48	3/4/2021	ND	53.78	0.00	691.70
HCW-03	745.48	3/8/2021	ND	53.94	0.00	691.54
HCW-03	745.48	3/15/2021	53.89	53.92	0.03	691.58
HCW-03	745.48	3/22/2021	53.84	53.91	0.07	691.62
HCW-03	745.48	4/1/2021	53.78	53.86	0.08	691.68
HCW-03	745.48	4/12/2021	53.92	54.01	0.09	691.54
HCW-03	745.48	4/19/2021	53.94	54.04	0.10	691.51
HCW-03	745.48	4/29/2021	53.75	53.79	0.04	691.72
HCW-03	745.48	5/3/2021	53.88	53.91	0.03	691.59
HCW-03	745.48	5/10/2021	54.00	54.02	0.02	691.47
HCW-03	745.48	5/18/2021	54.00	54.03	0.03	691.47
HCW-03	745.48	5/26/2021	ND	53.77	0.00	691.71
HCW-03	745.48	5/31/2021	ND	54.02	0.00	691.46
HCW-03	745.48	6/7/2021	54.08	54.11	0.03	691.39
HCW-03	745.48	6/14/2021	ND	53.79	0.00	691.69
HCW-03	745.48	6/21/2021	54.05	54.08	0.03	691.42
HCW-03	745.48	7/1/2021	54.08	54.12	0.04	691.39
HCW-03	745.48	7/6/2021	54.26	54.29	0.03	691.21
HCW-03	745.48	7/14/2021	54.21	54.29	0.08	691.25
HCW-03	745.48	7/28/2021	54.44	54.48	0.04	691.03
HCW-03	745.48	8/2/2021	54.81	54.84	0.03	690.66
HCW-03	745.48	8/16/2021	54.89	54.92	0.03	690.58
HCW-04	746.00	1/19/2021	ND	54.43	0.00	691.57
HCW-04	746.00	1/25/2021	ND	54.39	0.00	691.61
HCW-04	746.00	2/1/2021	ND	54.29	0.00	691.71
HCW-04	746.00	2/8/2021	ND	54.64	0.00	691.36
HCW-04	746.00	2/16/2021	ND	54.34	0.00	691.66
HCW-04	746.00	2/22/2021	ND	54.34	0.00	691.66
HCW-04	746.00	3/4/2021	ND	54.33	0.00	691.67
HCW-04	746.00	3/8/2021	ND	52.43	0.00	693.57
HCW-04	746.00	3/15/2021	ND	54.56	0.00	691.44
HCW-04	746.00	3/22/2021	ND	54.43	0.00	691.57
HCW-04	746.00	4/1/2021	ND	54.43	0.00	691.57
HCW-04	746.00	4/12/2021	ND	54.51	0.00	691.49
HCW-04	746.00	4/19/2021	ND	54.61	0.00	691.39
HCW-04	746.00	4/29/2021	ND	54.42	0.00	691.58
HCW-04	746.00	5/3/2021	ND	54.51	0.00	691.49
HCW-04	746.00	5/10/2021	ND	54.60	0.00	691.40
HCW-04	746.00	5/18/2021	ND	54.60	0.00	691.40
HCW-04	746.00	5/26/2021	ND	54.43	0.00	691.57
HCW-04	746.00	5/31/2021	ND	54.63	0.00	691.37
HCW-04	746.00	6/7/2021	ND	54.70	0.00	691.30
HCW-04	746.00	6/14/2021	ND	54.47	0.00	691.53
HCW-04	746.00	6/21/2021	ND	54.74	0.00	691.26
HCW-04	746.00	7/1/2021	ND	54.77	0.00	691.23
HCW-04	746.00	7/6/2021	ND	55.01	0.00	690.99
HCW-04	746.00	7/14/2021	ND	54.93	0.00	691.07
HCW-04	746.00	7/28/2021	ND	55.10	0.00	690.90
HCW-04	746.00	8/2/2021	ND	55.42	0.00	690.58
HCW-04	746.00	8/16/2021	ND	55.50	0.00	690.50

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-05	743.82	1/19/2021	ND	52.22	0.00	691.60
HCW-05	743.82	1/25/2021	ND	52.18	0.00	691.64
HCW-05	743.82	2/1/2021	ND	52.07	0.00	691.75
HCW-05	743.82	2/8/2021	ND	52.44	0.00	691.38
HCW-05	743.82	2/16/2021	ND	52.12	0.00	691.70
HCW-05	743.82	2/22/2021	ND	52.13	0.00	691.69
HCW-05	743.82	3/4/2021	ND	52.11	0.00	691.71
HCW-05	743.82	3/8/2021	ND	52.22	0.00	691.60
HCW-05	743.82	3/15/2021	ND	52.36	0.00	691.46
HCW-05	743.82	3/22/2021	ND	52.24	0.00	691.58
HCW-05	743.82	4/1/2021	ND	52.24	0.00	691.58
HCW-05	743.82	4/12/2021	ND	52.30	0.00	691.52
HCW-05	743.82	4/19/2021	ND	52.42	0.00	691.40
HCW-05	743.82	4/29/2021	ND	52.24	0.00	691.58
HCW-05	743.82	5/3/2021	ND	52.31	0.00	691.51
HCW-05	743.82	5/10/2021	ND	52.41	0.00	691.41
HCW-05	743.82	5/18/2021	ND	52.41	0.00	691.41
HCW-05	743.82	5/26/2021	ND	52.23	0.00	691.59
HCW-05	743.82	5/31/2021	ND	52.45	0.00	691.37
HCW-05	743.82	6/7/2021	ND	52.51	0.00	691.31
HCW-05	743.82	6/14/2021	ND	52.28	0.00	691.54
HCW-05	743.82	6/21/2021	ND	57.60	0.00	686.22
HCW-05	743.82	7/1/2021	ND	52.57	0.00	691.25
HCW-05	743.82	7/6/2021	ND	52.88	0.00	690.94
HCW-05	743.82	7/14/2021	ND	52.76	0.00	691.06
HCW-05	743.82	7/28/2021	ND	52.44	0.00	691.38
HCW-05	743.82	8/2/2021	ND	53.29	0.00	690.53
HCW-05	743.82	8/16/2021	ND	53.74	0.00	690.08
HCW-06	743.70	1/19/2021	ND	52.10	0.00	691.60
HCW-06	743.70	1/25/2021	51.34	52.15	0.81	692.14
HCW-06	743.70	2/1/2021	51.81	52.19	0.38	691.79
HCW-06	743.70	2/8/2021	51.94	53.38	1.44	691.37
HCW-06	743.70	2/16/2021	51.59	52.88	1.29	691.76
HCW-06	743.70	2/22/2021	51.58	52.79	1.21	691.80
HCW-06	743.70	3/4/2021	51.53	52.71	1.18	691.85
HCW-06	743.70	3/8/2021	51.84	53.22	1.38	691.49
HCW-06	743.70	3/15/2021	51.91	53.25	1.34	691.43
HCW-06	743.70	3/22/2021	51.80	53.03	1.23	691.57
HCW-06	743.70	4/1/2021	51.72	52.96	1.24	691.65
HCW-06	743.70	4/12/2021	51.87	53.14	1.27	691.49
HCW-06	743.70	4/19/2021	51.91	53.24	1.33	691.43
HCW-06	743.70	4/29/2021	51.73	52.90	1.17	691.66
HCW-06	743.70	5/3/2021	51.85	53.09	1.24	691.52
HCW-06	743.70	5/10/2021	51.91	53.22	1.31	691.44
HCW-06	743.70	5/18/2021	51.98	53.28	1.30	691.37
HCW-06	743.70	5/26/2021	52.26	54.69	2.43	690.79
HCW-06	743.70	6/9/2021	52.63	54.29	1.66	690.63
HCW-06	743.70	7/1/2021	53.04	54.02	0.98	690.40
HCW-06	743.70	7/14/2021	53.13	54.28	1.15	690.26
HCW-06	743.70	7/28/2021	53.59	53.87	0.28	690.04

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HCW-07	742.86	1/19/2021	ND	51.23	0.00	691.63
HCW-07	742.86	1/25/2021	ND	51.13	0.00	691.73
HCW-07	742.86	2/1/2021	ND	51.00	0.00	691.86
HCW-07	742.86	2/8/2021	50.59	53.80	3.21	691.41
HCW-07	742.86	2/16/2021	49.92	53.99	4.07	691.85
HCW-07	742.86	2/22/2021	49.94	53.92	3.98	691.85
HCW-07	742.86	3/4/2021	49.86	53.84	3.98	691.93
HCW-07	742.86	3/8/2021	50.18	54.24	4.06	691.59
HCW-07	742.86	3/15/2021	50.32	54.43	4.11	691.44
HCW-07	742.86	3/22/2021	50.22	54.12	3.90	691.60
HCW-07	742.86	4/1/2021	50.19	53.82	3.63	691.70
HCW-07	742.86	4/12/2021	50.45	53.93	3.48	691.48
HCW-07	742.86	4/19/2021	50.55	53.76	3.21	691.45
HCW-07	742.86	4/29/2021	50.38	53.24	2.86	691.71
HCW-07	742.86	5/3/2021	50.54	53.37	2.83	691.56
HCW-07	742.86	5/10/2021	50.68	53.35	2.67	691.47
HCW-07	742.86	5/18/2021	50.79	53.32	2.53	691.39
HCW-07	742.86	5/26/2021	51.41	53.67	2.26	690.85
HCW-07	742.86	6/9/2021	51.91	52.98	1.07	690.66
HCW-07	742.86	7/1/2021	52.31	53.06	0.75	690.35
HCW-07	742.86	7/14/2021	52.43	53.14	0.71	690.24
HCW-07	742.86	7/28/2021	52.64	53.47	0.83	690.00
HCW-08	742.96	1/19/2021	ND	51.42	0.00	691.54
HCW-08	742.96	1/25/2021	ND	51.20	0.00	691.76
HCW-08	742.96	2/1/2021	ND	51.07	0.00	691.89
HCW-08	742.96	2/8/2021	ND	51.54	0.00	691.42
HCW-08	742.96	2/16/2021	ND	51.16	0.00	691.80
HCW-08	742.96	2/22/2021	ND	51.16	0.00	691.80
HCW-08	742.96	3/4/2021	ND	51.12	0.00	691.84
HCW-08	742.96	3/8/2021	ND	51.28	0.00	691.68
HCW-08	742.96	3/15/2021	ND	51.63	0.00	691.33
HCW-08	742.96	3/22/2021	ND	51.40	0.00	691.56
HCW-08	742.96	4/1/2021	ND	51.33	0.00	691.63
HCW-08	742.96	4/12/2021	ND	51.55	0.00	691.41
HCW-08	742.96	4/19/2021	ND	51.67	0.00	691.29
HCW-08	742.96	4/29/2021	ND	51.34	0.00	691.62
HCW-08	742.96	5/3/2021	ND	51.48	0.00	691.48
HCW-08	742.96	5/10/2021	ND	51.54	0.00	691.42
HCW-08	742.96	5/18/2021	ND	51.61	0.00	691.35
HCW-08	742.96	5/26/2021	ND	51.38	0.00	691.58
HCW-08	742.96	6/7/2021	ND	51.85	0.00	691.11
HCW-08	742.96	6/14/2021	ND	51.47	0.00	691.49
HCW-08	742.96	6/21/2021	ND	52.03	0.00	690.93
HCW-08	742.96	7/1/2021	ND	51.83	0.00	691.13
HCW-08	742.96	7/6/2021	ND	52.37	0.00	690.59
HCW-08	742.96	7/14/2021	ND	52.01	0.00	690.95
HCW-08	742.96	7/28/2021	ND	52.19	0.00	690.77
HCW-08	742.96	8/2/2021	ND	52.72	0.00	690.24
HCW-08	742.96	8/16/2021	ND	52.76	0.00	690.20

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-09	744.49	1/19/2021	ND	52.70	0.00	691.79
HCW-09	744.49	1/25/2021	ND	52.50	0.00	691.99
HCW-09	744.49	2/1/2021	ND	52.36	0.00	692.13
HCW-09	744.49	2/8/2021	ND	53.03	0.00	691.46
HCW-09	744.49	2/16/2021	ND	52.66	0.00	691.83
HCW-09	744.49	2/22/2021	ND	52.65	0.00	691.84
HCW-09	744.49	3/4/2021	ND	52.57	0.00	691.92
HCW-09	744.49	3/8/2021	ND	52.82	0.00	691.67
HCW-09	744.49	3/15/2021	ND	53.20	0.00	691.29
HCW-09	744.49	3/22/2021	ND	53.02	0.00	691.47
HCW-09	744.49	4/1/2021	ND	52.89	0.00	691.60
HCW-09	744.49	4/12/2021	ND	53.21	0.00	691.28
HCW-09	744.49	4/19/2021	ND	53.32	0.00	691.17
HCW-09	744.49	4/29/2021	ND	52.91	0.00	691.58
HCW-09	744.49	5/3/2021	ND	52.89	0.00	691.60
HCW-09	744.49	5/10/2021	ND	52.97	0.00	691.52
HCW-09	744.49	5/18/2021	ND	53.14	0.00	691.35
HCW-09	744.49	5/26/2021	ND	52.89	0.00	691.60
HCW-09	744.49	6/7/2021	ND	53.60	0.00	690.89
HCW-09	744.49	6/14/2021	ND	53.00	0.00	691.49
HCW-09	744.49	6/21/2021	ND	53.79	0.00	690.70
HCW-09	744.49	7/1/2021	ND	53.53	0.00	690.96
HCW-09	744.49	7/6/2021	ND	54.23	0.00	690.26
HCW-09	744.49	7/14/2021	ND	53.69	0.00	690.80
HCW-09	744.49	7/28/2021	ND	53.98	0.00	690.51
HCW-09	744.49	8/2/2021	ND	54.60	0.00	689.89
HCW-09	744.49	8/16/2021	ND	54.61	0.00	689.88
HCW-10	743.90	1/19/2021	50.52	50.62	0.10	693.36
HCW-10	743.90	1/25/2021	50.98	52.25	1.27	692.58
HCW-10	743.90	2/1/2021	50.39	50.40	0.01	693.51
HCW-10	743.90	2/8/2021	52.04	52.91	0.87	691.63
HCW-10	743.90	2/16/2021	51.79	53.03	1.24	691.78
HCW-10	743.90	2/22/2021	51.73	53.04	1.31	691.82
HCW-10	743.90	3/4/2021	51.14	52.68	1.54	692.35
HCW-10	743.90	3/8/2021	52.14	54.00	1.86	691.26
HCW-10	743.90	3/15/2021	52.46	54.48	2.02	690.90
HCW-10	743.90	3/22/2021	52.64	54.59	1.95	690.74
HCW-10	743.90	4/1/2021	51.84	53.73	1.89	691.55
HCW-10	743.90	4/12/2021	52.89	54.90	2.01	690.47
HCW-10	743.90	4/19/2021	52.74	54.92	2.18	690.58
HCW-10	743.90	4/29/2021	51.84	53.79	1.95	691.54
HCW-10	743.90	5/3/2021	51.12	53.13	2.01	692.24
HCW-10	743.90	5/10/2021	51.30	53.49	2.19	692.01
HCW-10	743.90	5/18/2021	52.16	54.43	2.27	691.13
HCW-10	743.90	5/26/2021	50.44	51.20	0.76	693.26
HCW-10	743.90	6/9/2021	50.88	52.00	1.12	692.72
HCW-10	743.90	7/1/2021	51.74	53.51	1.77	691.69
HCW-10	743.90	7/14/2021	51.98	53.17	1.19	691.60
HCW-10	743.90	7/28/2021	52.20	53.48	1.28	691.36

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-11	741.26	1/19/2021	ND	49.32	0.00	691.94
HCW-11	741.26	1/25/2021	ND	48.45	0.00	692.81
HCW-11	741.26	2/1/2021	ND	48.30	0.00	692.96
HCW-11	741.26	2/8/2021	ND	49.65	0.00	691.61
HCW-11	741.26	2/16/2021	ND	49.43	0.00	691.83
HCW-11	741.26	2/22/2021	ND	49.42	0.00	691.84
HCW-11	741.26	3/4/2021	ND	48.65	0.00	692.61
HCW-11	741.26	3/8/2021	ND	49.92	0.00	691.34
HCW-11	741.26	3/15/2021	ND	14.51	0.00	726.75
HCW-11	741.26	3/22/2021	ND	50.73	0.00	690.53
HCW-11	741.26	4/1/2021	ND	49.49	0.00	691.77
HCW-11	741.26	4/12/2021	ND	50.96	0.00	690.30
HCW-11	741.26	4/19/2021	ND	50.72	0.00	690.54
HCW-11	741.26	4/29/2021	ND	49.29	0.00	691.97
HCW-11	741.26	5/3/2021	ND	48.56	0.00	692.70
HCW-11	741.26	5/10/2021	ND	48.96	0.00	692.30
HCW-11	741.26	5/18/2021	ND	50.18	0.00	691.08
HCW-11	741.26	5/26/2021	ND	49.04	0.00	692.22
HCW-11	741.26	5/31/2021	ND	50.49	0.00	690.77
HCW-11	741.26	6/7/2021	ND	51.12	0.00	690.14
HCW-11	741.26	6/14/2021	ND	49.29	0.00	691.97
HCW-11	741.26	6/21/2021	ND	50.16	0.00	691.10
HCW-11	741.26	7/1/2021	ND	50.28	0.00	690.98
HCW-11	741.26	7/6/2021	ND	53.26	0.00	688.00
HCW-11	741.26	7/14/2021	ND	50.64	0.00	690.62
HCW-11	741.26	7/28/2021	ND	50.84	0.00	690.42
HCW-11	741.26	8/2/2021	ND	53.29	0.00	687.97
HCW-11	741.26	8/16/2021	ND	53.40	0.00	687.86
HCW-12	740.75	1/19/2021	ND	23.93	0.00	716.82
HCW-12	740.75	1/25/2021	ND	43.24	0.00	697.51
HCW-12	740.75	2/1/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	2/8/2021	Dry	Dry	Dry	Dry
HCW-12	740.75	2/16/2021	ND	47.86	0.00	692.89
HCW-12	740.75	2/22/2021	ND	48.06	0.00	692.69
HCW-12	740.75	3/4/2021	ND	48.04	0.00	692.71
HCW-12	740.75	3/8/2021	ND	48.28	0.00	692.47
HCW-12	740.75	3/15/2021	ND	48.44	0.00	692.31
HCW-12	740.75	3/22/2021	ND	48.71	0.00	692.04
HCW-12	740.75	4/1/2021	ND	48.87	0.00	691.88
HCW-12	740.75	4/12/2021	49.03	49.04	0.01	691.72
HCW-12	740.75	4/19/2021	ND	49.94	0.00	690.81
HCW-12	740.75	4/29/2021	48.67	48.68	0.01	692.08
HCW-12	740.75	5/3/2021	ND	47.94	0.00	692.81
HCW-12	740.75	5/10/2021	ND	47.58	0.00	693.17
HCW-12	740.75	5/18/2021	ND	47.68	0.00	693.07
HCW-12	740.75	5/26/2021	ND	47.69	0.00	693.06
HCW-12	740.75	5/31/2021	ND	48.02	0.00	692.73
HCW-12	740.75	6/7/2021	ND	48.35	0.00	692.40
HCW-12	740.75	6/14/2021	ND	47.94	0.00	692.81
HCW-12	740.75	6/21/2021	ND	48.16	0.00	692.59
HCW-12	740.75	7/1/2021	ND	48.79	0.00	691.96
HCW-12	740.75	7/6/2021	ND	49.34	0.00	691.41
HCW-12	740.75	7/14/2021	ND	49.26	0.00	691.49
HCW-12	740.75	7/28/2021	ND	49.48	0.00	691.27
HCW-12	740.75	8/2/2021	ND	50.00	0.00	690.75
HCW-12	740.75	8/16/2021	Dry	Dry	Dry	Dry

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HCW-13	741.53	1/25/2021	ND	46.81	0.00	694.72
HCW-13	741.53	2/1/2021	46.33	48.32	1.99	694.67
HCW-13	741.53	2/8/2021	ARP	ARP	ARP	ARP
HCW-13	741.53	2/16/2021	44.21	51.43	7.22	695.39
HCW-13	741.53	2/22/2021	44.31	51.43	7.12	695.31
HCW-13	741.53	3/4/2021	44.51	51.52	7.01	695.14
HCW-13	741.53	3/8/2021	44.74	51.56	6.82	694.96
HCW-13	741.53	3/15/2021	44.98	51.48	6.50	694.81
HCW-13	741.53	3/22/2021	45.31	51.43	6.12	694.58
HCW-13	740.79	4/1/2021	ND	44.73	0.00	696.06
HCW-13	740.79	4/12/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	4/19/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	4/29/2021	43.34	50.31	6.97	695.58
HCW-13	740.79	5/3/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	5/10/2021	ARP	ARP	ARP	ARP
HCW-13	740.79	5/26/2021	45.86	49.20	3.34	694.04
HCW-13	740.79	6/9/2021	46.34	48.98	2.64	693.74
HCW-13	740.79	7/1/2021	47.16	48.96	1.80	693.15
HCW-13	740.79	7/14/2021	47.49	49.29	1.80	692.82
HCW-13	740.79	7/28/2021	48.03	50.18	2.15	692.18
HCW-14	738.67	1/25/2021	ND	43.07	0.00	695.60
HCW-14	738.67	2/1/2021	ND	43.83	0.00	694.84
HCW-14	738.67	2/8/2021	44.25	44.44	0.19	694.37
HCW-14	738.67	2/16/2021	41.56	46.24	4.68	695.86
HCW-14	738.67	2/22/2021	41.29	NW	>8.71	N/A
HCW-14	738.67	3/4/2021	41.35	50.00	8.65	695.01
HCW-14	738.67	3/8/2021	41.68	NW	>8.32	N/A
HCW-14	738.67	3/15/2021	41.89	NW	>8.11	N/A
HCW-14	738.67	3/22/2021	42.22	NW	>7.78	N/A
HCW-14	739.18	4/1/2021	ND	43.11	0.00	696.07
HCW-14	739.18	4/12/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	4/19/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	4/29/2021	43.71	46.93	3.22	694.61
HCW-14	739.18	5/3/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	5/10/2021	ARP	ARP	ARP	ARP
HCW-14	739.18	5/26/2021	44.31	45.06	0.75	694.67
HCW-14	739.18	6/9/2021	44.58	45.38	0.80	694.39
HCW-14	739.18	7/1/2021	45.06	45.88	0.82	693.90
HCW-14	739.18	7/14/2021	45.50	46.21	0.71	693.49
HCW-14	739.18	7/28/2021	45.81	46.86	1.05	693.09

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-15	736.71	1/25/2021	ND	40.88	0.00	695.83
HCW-15	736.71	2/1/2021	ND	41.62	0.00	695.09
HCW-15	736.71	2/8/2021	42.15	42.25	0.10	694.53
HCW-15	736.71	2/16/2021	39.13	51.43	12.30	694.28
HCW-15	736.71	2/22/2021	39.27	46.04	6.77	695.62
HCW-15	736.71	3/4/2021	39.21	46.10	6.89	695.65
HCW-15	736.71	3/8/2021	39.65	46.22	6.57	695.30
HCW-15	736.71	3/15/2021	39.95	46.11	6.16	695.11
HCW-15	736.71	3/22/2021	40.24	46.03	5.79	694.92
HCW-15	737.19	4/1/2021	ND	41.07	0.00	696.12
HCW-15	737.19	4/12/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	4/19/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	4/29/2021	41.72	44.58	2.86	694.70
HCW-15	737.19	5/3/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	5/10/2021	ARP	ARP	ARP	ARP
HCW-15	737.19	5/26/2021	42.04	43.82	1.78	694.67
HCW-15	737.19	6/9/2021	42.49	43.83	1.34	694.34
HCW-15	737.19	7/1/2021	43.09	43.95	0.86	693.87
HCW-15	737.19	7/14/2021	43.46	44.48	1.02	693.46
HCW-15	737.19	7/28/2021	43.85	45.06	1.21	693.02
HCW-16	736.35	1/25/2021	39.28	39.77	0.49	696.94
HCW-16	736.35	2/1/2021	39.38	40.96	1.58	696.55
HCW-16	736.35	2/8/2021	38.85	41.05	2.20	696.91
HCW-16	736.35	2/16/2021	38.69	41.09	2.40	697.02
HCW-16	736.35	2/22/2021	38.79	41.28	2.49	696.90
HCW-16	736.35	3/4/2021	38.80	41.70	2.90	696.78
HCW-16	736.35	3/8/2021	39.09	41.84	2.75	696.53
HCW-16	736.35	3/15/2021	39.33	41.87	2.54	696.34
HCW-16	736.35	3/22/2021	39.69	41.83	2.14	696.09
HCW-16	736.35	4/1/2021	40.08	41.72	1.64	695.83
HCW-16	736.35	4/12/2021	40.34	40.35	0.01	696.01
HCW-16	736.35	4/19/2021	40.22	40.70	0.48	696.00
HCW-16	736.35	4/29/2021	40.24	40.91	0.67	695.93
HCW-16	736.35	5/3/2021	40.27	40.86	0.59	695.92
HCW-16	736.35	5/10/2021	40.35	41.10	0.75	695.80
HCW-16	736.35	5/18/2021	40.36	41.18	0.82	695.77
HCW-16	736.35	5/26/2021	40.30	41.23	0.93	695.80
HCW-16	736.35	5/31/2021	ARP	ARP	ARP	ARP
HCW-16	736.35	6/9/2021	39.96	40.96	1.00	696.12
HCW-16	736.35	7/1/2021	40.42	41.14	0.72	695.74
HCW-16	736.35	7/14/2021	40.40	41.22	0.82	695.73
HCW-16	736.35	7/28/2021	40.71	41.38	0.67	695.46

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-17	733.19	1/25/2021	ND	34.90	0.00	698.29
HCW-17	733.19	2/1/2021	ND	36.49	0.00	696.70
HCW-17	733.19	2/8/2021	ND	36.49	0.00	696.70
HCW-17	733.19	2/16/2021	ND	36.48	0.00	696.71
HCW-17	733.19	2/22/2021	ND	35.76	0.00	697.43
HCW-17	733.19	3/4/2021	ND	35.78	0.00	697.41
HCW-17	733.19	3/8/2021	ND	35.88	0.00	697.31
HCW-17	733.19	3/15/2021	ND	35.80	0.00	697.39
HCW-17	733.19	3/22/2021	ND	35.74	0.00	697.45
HCW-17	733.19	4/1/2021	ND	35.78	0.00	697.41
HCW-17	733.19	4/12/2021	ND	35.80	0.00	697.39
HCW-17	733.19	4/19/2021	ND	35.75	0.00	697.44
HCW-17	733.19	4/29/2021	ND	35.75	0.00	697.44
HCW-17	733.19	5/3/2021	ND	35.70	0.00	697.49
HCW-17	733.19	5/10/2021	ND	35.76	0.00	697.43
HCW-17	733.19	5/18/2021	ND	35.78	0.00	697.41
HCW-17	733.19	5/26/2021	ND	35.74	0.00	697.45
HCW-17	733.19	5/31/2021	ND	35.73	0.00	697.46
HCW-17	733.19	6/7/2021	ND	35.78	0.00	697.41
HCW-17	733.19	6/14/2021	ND	35.76	0.00	697.43
HCW-17	733.19	6/21/2021	ND	35.70	0.00	697.49
HCW-17	733.19	7/1/2021	ND	35.70	0.00	697.49
HCW-17	733.19	7/6/2021	ND	35.72	0.00	697.47
HCW-17	733.19	7/14/2021	ND	35.72	0.00	697.47
HCW-17	733.19	7/28/2021	ND	35.70	0.00	697.49
HCW-17	733.19	8/2/2021	ND	35.72	0.00	697.47
HCW-17	733.19	8/16/2021	ND	35.62	0.00	697.57
HCW-18	731.12	1/25/2021	ND	34.58	0.00	696.54
HCW-18	731.12	2/1/2021	ND	31.97	0.00	699.15
HCW-18	731.12	2/8/2021	ND	31.98	0.00	699.14
HCW-18	731.12	2/16/2021	ND	31.99	0.00	699.13
HCW-18	731.12	2/22/2021	ND	32.05	0.00	699.07
HCW-18	731.12	3/4/2021	ND	32.02	0.00	699.10
HCW-18	731.12	3/8/2021	31.99	32.00	0.01	699.13
HCW-18	731.12	3/15/2021	31.96	31.99	0.03	699.15
HCW-18	731.12	3/22/2021	ND	31.93	0.00	699.19
HCW-18	731.12	4/1/2021	ND	32.01	0.00	699.11
HCW-18	731.12	4/12/2021	31.86	32.00	0.14	699.22
HCW-18	731.12	4/19/2021	ND	31.87	0.00	699.25
HCW-18	731.12	4/29/2021	Dry	Dry	Dry	Dry
HCW-18	731.12	5/3/2021	Dry	Dry	Dry	Dry
HCW-18	731.12	5/10/2021	Dry	Dry	Dry	Dry
HCW-18	731.12	5/18/2021	32.04	32.05	0.01	699.08
HCW-18	731.12	5/26/2021	31.97	31.98	0.01	699.15
HCW-18	731.12	5/31/2021	ND	32.02	0.00	699.10
HCW-18	731.12	6/7/2021	ND	32.04	0.00	699.08
HCW-18	731.12	6/14/2021	ND	32.06	0.00	699.06
HCW-18	731.12	6/21/2021	ND	32.03	0.00	699.09
HCW-18	731.12	7/1/2021	ND	32.03	0.00	699.09
HCW-18	731.12	7/6/2021	ND	32.04	0.00	699.08
HCW-18	731.12	7/14/2021	ND	31.96	0.00	699.16
HCW-18	731.12	7/28/2021	ND	32.01	0.00	699.11
HCW-18	731.12	8/2/2021	ND	32.04	0.00	699.08
HCW-18	731.12	8/16/2021	ND	31.93	0.00	699.19

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-19	732.00	1/25/2021	ND	34.10	0.00	697.90
HCW-19	732.00	2/1/2021	ND	34.22	0.00	697.78
HCW-19	732.00	2/8/2021	34.60	34.61	0.01	697.40
HCW-19	732.00	2/16/2021	34.43	34.44	0.01	697.57
HCW-19	732.00	2/22/2021	34.11	34.12	0.01	697.89
HCW-19	732.00	3/4/2021	NM	NM	NM	NM
HCW-19	732.00	3/8/2021	31.08	31.11	0.03	700.91
HCW-19	732.00	3/15/2021	34.20	34.22	0.02	697.79
HCW-19	732.00	3/22/2021	34.35	34.36	0.01	697.65
HCW-19	732.00	4/1/2021	34.13	34.16	0.03	697.86
HCW-19	732.00	4/12/2021	34.71	34.72	0.01	697.29
HCW-19	732.00	4/19/2021	33.84	33.86	0.02	698.15
HCW-19	732.00	4/29/2021	34.15	34.17	0.02	697.84
HCW-19	732.00	5/3/2021	34.27	34.29	0.02	697.72
HCW-19	732.00	5/18/2021	34.99	35.01	0.02	697.00
HCW-19	732.00	5/10/2021	34.59	34.60	0.01	697.41
HCW-19	732.00	5/26/2021	35.08	35.10	0.02	696.91
HCW-19	732.00	5/31/2021	35.35	35.37	0.02	696.64
HCW-19	732.00	6/7/2021	35.59	35.61	0.02	696.40
HCW-19	732.00	6/14/2021	35.68	35.70	0.02	696.31
HCW-19	732.00	6/21/2021	35.91	35.94	0.03	696.08
HCW-19	732.00	7/1/2021	36.04	36.11	0.07	695.94
HCW-19	732.00	7/6/2021	36.30	36.36	0.06	695.68
HCW-19	732.00	7/14/2021	36.43	36.50	0.07	695.55
HCW-19	732.00	7/28/2021	36.74	36.78	0.04	695.25
HCW-19	732.00	8/2/2021	37.02	37.08	0.06	694.96
HCW-19	732.00	8/16/2021	ND	37.18	0.00	694.82
HCW-20	731.69	1/25/2021	ND	34.34	0.00	697.35
HCW-20	731.69	2/1/2021	ND	34.33	0.00	697.36
HCW-20	731.69	2/8/2021	ND	34.82	0.00	696.87
HCW-20	731.69	2/16/2021	ND	34.59	0.00	697.10
HCW-20	731.69	2/22/2021	ND	34.44	0.00	697.25
HCW-20	731.69	3/4/2021	ND	34.09	0.00	697.60
HCW-20	731.69	3/8/2021	ND	34.37	0.00	697.32
HCW-20	731.69	3/15/2021	ND	34.35	0.00	697.34
HCW-20	731.69	3/22/2021	ND	34.46	0.00	697.23
HCW-20	731.69	4/1/2021	ND	34.37	0.00	697.32
HCW-20	731.69	4/12/2021	ND	33.98	0.00	697.71
HCW-20	731.69	4/19/2021	ND	34.09	0.00	697.60
HCW-20	731.69	4/29/2021	ND	34.26	0.00	697.43
HCW-20	731.69	5/3/2021	ND	34.30	0.00	697.39
HCW-20	731.69	5/10/2021	ND	34.61	0.00	697.08
HCW-20	731.69	5/18/2021	ND	34.97	0.00	696.72
HCW-20	731.69	5/26/2021	ND	35.02	0.00	696.67
HCW-20	731.69	5/31/2021	ND	35.33	0.00	696.36
HCW-20	731.69	6/7/2021	ND	35.54	0.00	696.15
HCW-20	731.69	6/14/2021	ND	35.68	0.00	696.01
HCW-20	731.69	6/21/2021	ND	35.87	0.00	695.82
HCW-20	731.69	7/1/2021	ND	35.93	0.00	695.76
HCW-20	731.69	7/6/2021	ND	36.32	0.00	695.37
HCW-20	731.69	7/14/2021	ND	36.36	0.00	695.33
HCW-20	731.69	7/28/2021	ND	36.62	0.00	695.07
HCW-20	731.69	8/2/2021	ND	36.97	0.00	694.72
HCW-20	731.69	8/16/2021	ND	37.13	0.00	694.56

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-21	730.02	1/19/2021	34.72	35.26	0.54	695.15
HCW-21	730.02	2/1/2021	ND	33.80	0.00	696.22
HCW-21	730.02	2/22/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/4/2021	33.42	40.02	6.60	694.83
HCW-21	730.02	3/8/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/15/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	3/22/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/1/2021	ND	33.62	0.00	696.40
HCW-21	730.02	4/12/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/19/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	4/29/2021	33.35	38.40	5.05	695.32
HCW-21	730.02	5/3/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	5/10/2021	ARP	ARP	ARP	ARP
HCW-21	730.02	5/26/2021	33.31	39.63	6.32	695.02
HCW-21	730.02	6/9/2021	33.46	39.52	6.06	694.93
HCW-21	730.02	7/1/2021	34.39	38.70	4.31	694.47
HCW-21	730.02	7/14/2021	34.59	38.84	4.25	694.29
HCW-21	730.02	7/28/2021	34.88	40.27	5.39	693.69
HCW-22	731.67	1/19/2021	ND	36.66	0.00	695.01
HCW-22	731.67	1/25/2021	ND	36.78	0.00	694.89
HCW-22	731.67	2/1/2021	ND	36.78	0.00	694.89
HCW-22	731.67	2/8/2021	ND	37.08	0.00	694.59
HCW-22	731.67	2/16/2021	ND	37.25	0.00	694.42
HCW-22	731.67	2/22/2021	ND	37.28	0.00	694.39
HCW-22	731.67	3/4/2021	ND	37.01	0.00	694.66
HCW-22	731.67	3/8/2021	ND	37.48	0.00	694.19
HCW-22	731.67	3/15/2021	ND	37.66	0.00	694.01
HCW-22	731.67	3/22/2021	ND	37.51	0.00	694.16
HCW-22	731.67	4/1/2021	ND	37.28	0.00	694.39
HCW-22	731.67	4/12/2021	ND	36.75	0.00	694.92
HCW-22	731.67	4/19/2021	ND	36.83	0.00	694.84
HCW-22	731.67	4/29/2021	ND	36.71	0.00	694.96
HCW-22	731.67	5/3/2021	ND	37.13	0.00	694.54
HCW-22	731.67	5/10/2021	ND	37.14	0.00	694.53
HCW-22	731.67	5/18/2021	ND	37.01	0.00	694.66
HCW-22	731.67	5/26/2021	ND	36.86	0.00	694.81
HCW-22	731.67	5/31/2021	ND	37.02	0.00	694.65
HCW-22	731.67	6/7/2021	ND	36.98	0.00	694.69
HCW-22	731.67	6/14/2021	ND	37.03	0.00	694.64
HCW-22	731.67	6/21/2021	ND	37.02	0.00	694.65
HCW-22	731.67	7/1/2021	ND	37.38	0.00	694.29
HCW-22	731.67	7/6/2021	ND	37.71	0.00	693.96
HCW-22	731.67	7/14/2021	ND	37.62	0.00	694.05
HCW-22	731.67	7/28/2021	ND	38.12	0.00	693.55
HCW-22	731.67	8/2/2021	ND	38.78	0.00	692.89
HCW-22	731.67	8/16/2021	ND	38.93	0.00	692.74

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-23	740.60	2/8/2021	ND	50.86	0.00	689.74
HCW-23	740.60	2/16/2021	ND	50.62	0.00	689.98
HCW-23	740.60	2/22/2021	ND	50.66	0.00	689.94
HCW-23	740.60	3/4/2021	ND	50.63	0.00	689.97
HCW-23	740.60	3/8/2021	ND	50.70	0.00	689.90
HCW-23	740.60	3/15/2021	ND	50.72	0.00	689.88
HCW-23	740.60	3/22/2021	ND	50.66	0.00	689.94
HCW-23	740.60	4/1/2021	ND	50.65	0.00	689.95
HCW-23	740.60	4/12/2021	ND	50.71	0.00	689.89
HCW-23	740.60	4/19/2021	ND	50.75	0.00	689.85
HCW-23	740.60	4/29/2021	ND	50.57	0.00	690.03
HCW-23	740.60	5/3/2021	ND	50.62	0.00	689.98
HCW-23	740.60	5/10/2021	ND	50.76	0.00	689.84
HCW-23	740.60	5/18/2021	ND	50.67	0.00	689.93
HCW-23	740.60	5/26/2021	ND	50.51	0.00	690.09
HCW-23	740.60	5/31/2021	ND	50.59	0.00	690.01
HCW-23	740.60	6/7/2021	ND	50.65	0.00	689.95
HCW-23	740.60	6/14/2021	ND	49.02	0.00	691.58
HCW-23	740.60	6/21/2021	ND	49.14	0.00	691.46
HCW-23	740.60	7/1/2021	ND	50.65	0.00	689.95
HCW-23	740.60	7/6/2021	ND	50.79	0.00	689.81
HCW-23	740.60	7/14/2021	ND	50.84	0.00	689.76
HCW-23	740.60	7/28/2021	ND	51.00	0.00	689.60
HCW-23	740.60	8/2/2021	ND	51.30	0.00	689.30
HCW-23	740.60	8/16/2021	ND	51.40	0.00	689.20
HCW-24	741.73	2/8/2021	ND	49.37	0.00	692.36
HCW-24	741.73	2/16/2021	ND	49.15	0.00	692.58
HCW-24	741.73	2/22/2021	ND	49.13	0.00	692.60
HCW-24	741.73	3/4/2021	ND	49.15	0.00	692.58
HCW-24	741.73	3/8/2021	ND	49.21	0.00	692.52
HCW-24	741.73	3/15/2021	ND	49.23	0.00	692.50
HCW-24	741.73	3/22/2021	ND	49.16	0.00	692.57
HCW-24	741.73	4/1/2021	ND	49.18	0.00	692.55
HCW-24	741.73	4/12/2021	ND	49.18	0.00	692.55
HCW-24	741.73	4/19/2021	ND	49.21	0.00	692.52
HCW-24	741.73	4/29/2021	ND	49.11	0.00	692.62
HCW-24	741.73	5/3/2021	ND	49.09	0.00	692.64
HCW-24	741.73	5/10/2021	ND	49.15	0.00	692.58
HCW-24	741.73	5/18/2021	ND	49.14	0.00	692.59
HCW-24	741.73	5/26/2021	ND	49.61	0.00	692.12
HCW-24	741.73	5/31/2021	ND	49.06	0.00	692.67
HCW-24	741.73	6/7/2021	ND	49.07	0.00	692.66
HCW-24	741.73	6/14/2021	ND	49.02	0.00	692.71
HCW-24	741.73	6/21/2021	ND	50.68	0.00	691.05
HCW-24	741.73	7/1/2021	ND	50.93	0.00	690.80
HCW-24	741.73	7/6/2021	ND	49.28	0.00	692.45
HCW-24	741.73	7/14/2021	ND	49.33	0.00	692.40
HCW-24	741.73	7/28/2021	ND	49.49	0.00	692.24
HCW-24	741.73	8/2/2021	ND	49.75	0.00	691.98
HCW-24	741.73	8/16/2021	ND	49.84	0.00	691.89

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-25	729.91	2/16/2021	32.79	33.94	1.15	696.81
HCW-25	729.91	2/22/2021	32.13	35.65	3.52	696.84
HCW-25	729.91	3/4/2021	35.15	37.47	2.32	694.14
HCW-25	729.91	3/8/2021	31.69	37.51	5.82	696.66
HCW-25	729.91	3/15/2021	31.69	37.42	5.73	696.68
HCW-25	729.91	3/22/2021	31.65	37.25	5.60	696.76
HCW-25	729.91	4/1/2021	31.62	37.18	5.56	696.80
HCW-25	729.91	4/12/2021	31.58	37.02	5.44	696.87
HCW-25	729.91	4/19/2021	31.53	36.91	5.38	696.94
HCW-25	729.91	4/29/2021	31.67	36.19	4.52	697.03
HCW-25	729.91	5/3/2021	31.74	36.06	4.32	697.01
HCW-25	729.91	5/10/2021	ARP	ARP	ARP	ARP
HCW-25	729.91	5/26/2021	33.23	35.83	2.60	695.98
HCW-25	730.41	6/9/2021	33.66	35.95	2.29	696.14
HCW-25	730.41	7/1/2021	34.22	36.37	2.15	695.62
HCW-25	730.41	7/14/2021	34.54	36.60	2.06	695.32
HCW-25	730.41	7/28/2021	34.76	36.87	2.11	695.09
HCW-26	730.52	2/16/2021	ND	34.17	0.00	696.35
HCW-26	730.52	2/22/2021	ND	34.21	0.00	696.31
HCW-26	730.52	3/4/2021	ND	34.13	0.00	696.39
HCW-26	730.52	3/8/2021	ND	34.30	0.00	696.22
HCW-26	730.52	3/15/2021	ND	34.35	0.00	696.17
HCW-26	730.52	4/1/2021	ND	34.30	0.00	696.22
HCW-26	730.52	4/12/2021	ND	34.04	0.00	696.48
HCW-26	730.52	4/19/2021	ND	34.01	0.00	696.51
HCW-26	730.52	4/29/2021	ND	33.98	0.00	696.54
HCW-26	730.52	5/3/2021	ND	33.96	0.00	696.56
HCW-26	730.52	5/10/2021	ND	34.24	0.00	696.28
HCW-26	730.52	5/18/2021	ND	34.46	0.00	696.06
HCW-26	730.52	5/26/2021	ND	34.42	0.00	696.10
HCW-26	730.52	5/31/2021	ND	34.63	0.00	695.89
HCW-26	730.52	6/7/2021	ND	34.76	0.00	695.76
HCW-26	730.52	6/14/2021	ND	34.86	0.00	695.66
HCW-26	730.52	6/21/2021	ND	35.02	0.00	695.50
HCW-26	730.52	7/1/2021	ND	35.11	0.00	695.41
HCW-26	730.52	7/6/2021	ND	35.43	0.00	695.09
HCW-26	730.52	7/14/2021	ND	35.44	0.00	695.08
HCW-26	730.52	7/28/2021	ND	35.69	0.00	694.83
HCW-26	730.52	8/2/2021	ND	35.98	0.00	694.54
HCW-26	730.52	8/16/2021	ND	36.12	0.00	694.40

Table 4
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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
HCW-27	729.91	2/16/2021	ND	33.94	0.00	695.97
HCW-27	729.91	2/22/2021	ND	34.10	0.00	695.81
HCW-27	729.91	3/4/2021	ND	34.14	0.00	695.77
HCW-27	729.91	3/8/2021	ND	34.28	0.00	695.63
HCW-27	729.91	3/15/2021	ND	34.38	0.00	695.53
HCW-27	729.91	3/22/2021	ND	34.31	0.00	695.60
HCW-27	729.91	4/1/2021	ND	34.31	0.00	695.60
HCW-27	729.91	4/12/2021	ND	34.15	0.00	695.76
HCW-27	729.91	4/19/2021	ND	34.13	0.00	695.78
HCW-27	729.91	4/29/2021	ND	34.04	0.00	695.87
HCW-27	729.91	5/3/2021	ND	34.11	0.00	695.80
HCW-27	729.91	5/10/2021	ND	35.25	0.00	694.66
HCW-27	729.91	5/18/2021	ND	34.35	0.00	695.56
HCW-27	729.91	5/26/2021	ND	34.30	0.00	695.61
HCW-27	729.91	5/31/2021	ND	34.42	0.00	695.49
HCW-27	729.91	6/7/2021	ND	34.48	0.00	695.43
HCW-27	729.91	6/14/2021	ND	34.53	0.00	695.38
HCW-27	729.91	6/21/2021	ND	34.59	0.00	695.32
HCW-27	729.91	7/1/2021	ND	34.77	0.00	695.14
HCW-27	729.91	7/6/2021	ND	39.94	0.00	689.97
HCW-27	729.91	7/14/2021	ND	35.03	0.00	694.88
HCW-27	729.91	7/28/2021	ND	35.30	0.00	694.61
HCW-27	729.91	8/2/2021	ND	35.51	0.00	694.40
HCW-27	729.91	8/16/2021	ND	35.73	0.00	694.18
NHCW-01	718.93	2/16/2021	ND	29.89	0.00	689.04
NHCW-01	718.93	2/22/2021	ND	29.80	0.00	689.13
NHCW-01	718.93	3/4/2021	ND	29.95	0.00	688.98
NHCW-01	718.93	3/8/2021	ND	29.73	0.00	689.20
NHCW-01	718.93	3/15/2021	ND	29.74	0.00	689.19
NHCW-01	718.93	3/22/2021	ND	29.66	0.00	689.27
NHCW-01	718.93	4/1/2021	ND	29.38	0.00	689.55
NHCW-01	718.93	4/12/2021	ND	29.36	0.00	689.57
NHCW-01	718.93	4/19/2021	ND	29.38	0.00	689.55
NHCW-01	718.93	4/29/2021	ND	29.14	0.00	689.79
NHCW-01	718.93	5/3/2021	ND	29.25	0.00	689.68
NHCW-01	718.93	5/10/2021	ND	29.95	0.00	688.98
NHCW-01	718.93	5/18/2021	ND	29.19	0.00	689.74
NHCW-01	718.93	5/26/2021	ND	29.11	0.00	689.82
NHCW-01	718.93	5/31/2021	ND	29.40	0.00	689.53
NHCW-01	718.93	6/7/2021	ND	29.45	0.00	689.48
NHCW-01	718.93	6/14/2021	ND	29.49	0.00	689.44
NHCW-01	718.93	6/21/2021	ND	29.74	0.00	689.19
NHCW-01	718.93	7/1/2021	ND	29.67	0.00	689.26
NHCW-01	718.93	7/6/2021	ND	30.12	0.00	688.81
NHCW-01	718.93	7/14/2021	ND	30.05	0.00	688.88
NHCW-01	718.93	7/28/2021	ND	30.51	0.00	688.42
NHCW-01	718.93	8/2/2021	ND	31.01	0.00	687.92
NHCW-01	718.93	8/16/2021	ND	31.30	0.00	687.63

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-02	719.11	2/16/2021	ND	30.05	0.00	689.06
NHCW-02	719.11	2/22/2021	ND	29.94	0.00	689.17
NHCW-02	719.11	3/4/2021	ND	29.78	0.00	689.33
NHCW-02	719.11	3/8/2021	ND	29.92	0.00	689.19
NHCW-02	719.11	3/15/2021	ND	29.88	0.00	689.23
NHCW-02	719.11	3/22/2021	ND	29.79	0.00	689.32
NHCW-02	719.11	4/1/2021	ND	29.54	0.00	689.57
NHCW-02	719.11	4/12/2021	ND	29.46	0.00	689.65
NHCW-02	719.11	4/19/2021	ND	29.48	0.00	689.63
NHCW-02	719.11	4/29/2021	ND	29.30	0.00	689.81
NHCW-02	719.11	5/3/2021	ND	29.34	0.00	689.77
NHCW-02	719.11	5/10/2021	ND	29.41	0.00	689.70
NHCW-02	719.11	5/18/2021	ND	29.35	0.00	689.76
NHCW-02	719.11	5/26/2021	ND	29.28	0.00	689.83
NHCW-02	719.11	5/31/2021	ND	29.55	0.00	689.56
NHCW-02	719.11	6/7/2021	ND	29.61	0.00	689.50
NHCW-02	719.11	6/14/2021	ND	29.68	0.00	689.43
NHCW-02	719.11	6/21/2021	ND	29.91	0.00	689.20
NHCW-02	719.11	7/1/2021	ND	29.89	0.00	689.22
NHCW-02	719.11	7/6/2021	ND	30.29	0.00	688.82
NHCW-02	719.11	7/14/2021	ND	30.27	0.00	688.84
NHCW-02	719.11	7/28/2021	ND	30.74	0.00	688.37
NHCW-02	719.11	8/2/2021	ND	31.20	0.00	687.91
NHCW-02	719.11	8/16/2021	ND	31.50	0.00	687.61
NHCW-03	717.56	2/16/2021	ND	28.57	0.00	688.99
NHCW-03	717.56	2/22/2021	ND	28.47	0.00	689.09
NHCW-03	717.56	3/4/2021	ND	28.31	0.00	689.25
NHCW-03	717.56	3/8/2021	ND	28.41	0.00	689.15
NHCW-03	717.56	3/15/2021	ND	28.32	0.00	689.24
NHCW-03	717.56	3/22/2021	ND	28.25	0.00	689.31
NHCW-03	717.56	4/1/2021	ND	28.06	0.00	689.50
NHCW-03	717.56	4/12/2021	ND	27.87	0.00	689.69
NHCW-03	717.56	4/19/2021	ND	27.87	0.00	689.69
NHCW-03	717.56	4/29/2021	ND	27.80	0.00	689.76
NHCW-03	717.56	5/3/2021	ND	27.81	0.00	689.75
NHCW-03	717.56	5/10/2021	ND	28.91	0.00	688.65
NHCW-03	717.56	5/18/2021	ND	27.91	0.00	689.65
NHCW-03	717.56	5/26/2021	ND	27.89	0.00	689.67
NHCW-03	717.56	5/31/2021	ND	28.07	0.00	689.49
NHCW-03	717.56	6/7/2021	ND	28.17	0.00	689.39
NHCW-03	717.56	6/14/2021	ND	28.24	0.00	689.32
NHCW-03	717.56	6/21/2021	ND	28.45	0.00	689.11
NHCW-03	717.56	7/1/2021	ND	28.84	0.00	688.72
NHCW-03	717.56	7/6/2021	ND	28.81	0.00	688.75
NHCW-03	717.56	7/14/2021	ND	28.91	0.00	688.65
NHCW-03	717.56	7/28/2021	ND	29.40	0.00	688.16
NHCW-03	717.56	8/2/2021	ND	29.82	0.00	687.74
NHCW-03	717.56	8/16/2021	ND	30.14	0.00	687.42

Table 4
Summary of Recovery Well Gauging Data

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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-04	716.18	2/16/2021	ND	22.23	0.00	693.95
NHCW-04	716.18	2/22/2021	ND	27.11	0.00	689.07
NHCW-04	716.18	3/4/2021	ND	26.95	0.00	689.23
NHCW-04	716.18	3/8/2021	ND	27.02	0.00	689.16
NHCW-04	716.18	3/15/2021	ND	26.95	0.00	689.23
NHCW-04	716.18	3/22/2021	ND	26.90	0.00	689.28
NHCW-04	716.18	4/1/2021	ND	26.70	0.00	689.48
NHCW-04	716.18	4/12/2021	ND	26.47	0.00	689.71
NHCW-04	716.18	4/19/2021	ND	26.48	0.00	689.70
NHCW-04	716.18	4/29/2021	ND	26.44	0.00	689.74
NHCW-04	716.18	5/3/2021	ND	26.40	0.00	689.78
NHCW-04	716.18	5/10/2021	ND	27.53	0.00	688.65
NHCW-04	716.18	5/18/2021	ND	26.57	0.00	689.61
NHCW-04	716.18	5/26/2021	ND	26.57	0.00	689.61
NHCW-04	716.18	5/31/2021	ND	26.76	0.00	689.42
NHCW-04	716.18	6/7/2021	ND	26.85	0.00	689.33
NHCW-04	716.18	6/14/2021	ND	26.92	0.00	689.26
NHCW-04	716.18	6/21/2021	ND	27.14	0.00	689.04
NHCW-04	716.18	7/1/2021	ND	27.25	0.00	688.93
NHCW-04	716.18	7/6/2021	ND	27.49	0.00	688.69
NHCW-04	716.18	7/14/2021	ND	27.60	0.00	688.58
NHCW-04	716.18	7/28/2021	ND	28.14	0.00	688.04
NHCW-04	716.18	8/2/2021	ND	28.56	0.00	687.62
NHCW-04	716.18	8/16/2021	ND	28.91	0.00	687.27
NHCW-05	715.34	2/16/2021	ND	26.51	0.00	688.83
NHCW-05	715.34	2/22/2021	ND	26.37	0.00	688.97
NHCW-05	715.34	3/4/2021	ND	26.20	0.00	689.14
NHCW-05	715.34	3/8/2021	ND	26.28	0.00	689.06
NHCW-05	715.34	3/15/2021	ND	26.20	0.00	689.14
NHCW-05	715.34	3/22/2021	ND	26.14	0.00	689.20
NHCW-05	715.34	4/1/2021	ND	25.94	0.00	689.40
NHCW-05	715.34	4/12/2021	ND	25.68	0.00	689.66
NHCW-05	715.34	4/19/2021	ND	25.70	0.00	689.64
NHCW-05	715.34	4/29/2021	ND	25.69	0.00	689.65
NHCW-05	715.34	5/3/2021	ND	25.71	0.00	689.63
NHCW-05	715.34	5/10/2021	ND	25.80	0.00	689.54
NHCW-05	715.34	5/18/2021	ND	25.90	0.00	689.44
NHCW-05	715.34	5/26/2021	ND	25.90	0.00	689.44
NHCW-05	715.34	5/31/2021	ND	26.10	0.00	689.24
NHCW-05	715.34	6/7/2021	ND	26.21	0.00	689.13
NHCW-05	715.34	6/14/2021	ND	26.28	0.00	689.06
NHCW-05	715.34	6/21/2021	ND	26.52	0.00	688.82
NHCW-05	715.34	7/1/2021	ND	26.63	0.00	688.71
NHCW-05	715.34	7/6/2021	ND	26.88	0.00	688.46
NHCW-05	715.34	7/14/2021	ND	26.98	0.00	688.36
NHCW-05	715.34	7/28/2021	ND	27.50	0.00	687.84
NHCW-05	715.34	8/2/2021	ND	28.08	0.00	687.26
NHCW-05	715.34	8/16/2021	ND	28.40	0.00	686.94

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-06	714.96	2/16/2021	ND	26.23	0.00	688.73
NHCW-06	714.96	2/22/2021	ND	26.07	0.00	688.89
NHCW-06	714.96	3/4/2021	ND	25.90	0.00	689.06
NHCW-06	714.96	3/8/2021	ND	26.96	0.00	688.00
NHCW-06	714.96	3/15/2021	ND	25.88	0.00	689.08
NHCW-06	714.96	3/22/2021	ND	25.82	0.00	689.14
NHCW-06	714.96	4/1/2021	ND	25.59	0.00	689.37
NHCW-06	714.96	4/12/2021	ND	25.32	0.00	689.64
NHCW-06	714.96	4/19/2021	ND	25.37	0.00	689.59
NHCW-06	714.96	4/29/2021	ND	25.36	0.00	689.60
NHCW-06	714.96	5/3/2021	ND	25.38	0.00	689.58
NHCW-06	714.96	5/10/2021	ND	25.50	0.00	689.46
NHCW-06	714.96	5/18/2021	ND	25.60	0.00	689.36
NHCW-06	714.96	5/26/2021	ND	25.62	0.00	689.34
NHCW-06	714.96	6/7/2021	ND	25.96	0.00	689.00
NHCW-06	714.96	6/14/2021	ND	26.03	0.00	688.93
NHCW-06	714.97	6/21/2021	ND	26.28	0.00	688.69
NHCW-06	714.97	7/1/2021	ND	26.38	0.00	688.59
NHCW-06	714.97	7/6/2021	ND	26.63	0.00	688.34
NHCW-06	714.97	7/14/2021	26.61	27.06	0.45	688.23
NHCW-06	714.97	7/28/2021	27.09	28.74	1.65	687.43
NHCW-07	714.08	2/16/2021	ND	25.48	0.00	688.60
NHCW-07	714.08	2/22/2021	ND	25.29	0.00	688.79
NHCW-07	714.08	3/4/2021	ND	25.11	0.00	688.97
NHCW-07	714.08	3/8/2021	ND	25.20	0.00	688.88
NHCW-07	714.08	3/15/2021	ND	25.12	0.00	688.96
NHCW-07	714.08	3/22/2021	ND	25.04	0.00	689.04
NHCW-07	714.08	4/1/2021	ND	24.80	0.00	689.28
NHCW-07	714.08	4/12/2021	ND	24.51	0.00	689.57
NHCW-07	714.08	4/19/2021	ND	24.58	0.00	689.50
NHCW-07	714.08	4/29/2021	ND	24.62	0.00	689.46
NHCW-07	714.08	5/3/2021	ND	24.57	0.00	689.51
NHCW-07	714.08	5/10/2021	ND	24.75	0.00	689.33
NHCW-07	714.08	5/18/2021	ND	24.88	0.00	689.20
NHCW-07	714.08	5/26/2021	ND	24.91	0.00	689.17
NHCW-07	714.08	5/31/2021	ND	25.13	0.00	688.95
NHCW-07	714.08	6/7/2021	ND	25.24	0.00	688.84
NHCW-07	714.08	6/14/2021	ND	25.33	0.00	688.75
NHCW-07	714.08	6/21/2021	ND	25.57	0.00	688.51
NHCW-07	714.08	7/1/2021	ND	25.71	0.00	688.37
NHCW-07	714.08	7/6/2021	ND	25.93	0.00	688.15
NHCW-07	714.08	7/14/2021	ND	26.04	0.00	688.04
NHCW-07	714.08	7/28/2021	ND	26.57	0.00	687.51
NHCW-07	714.08	8/2/2021	ND	27.08	0.00	687.00
NHCW-07	714.08	8/16/2021	ND	27.53	0.00	686.55

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-08	712.84	2/16/2021	ND	24.34	0.00	688.50
NHCW-08	712.84	2/22/2021	ND	24.17	0.00	688.67
NHCW-08	712.84	3/4/2021	ND	23.98	0.00	688.86
NHCW-08	712.84	3/8/2021	ND	24.03	0.00	688.81
NHCW-08	712.84	3/15/2021	ND	23.96	0.00	688.88
NHCW-08	712.84	3/22/2021	ND	23.87	0.00	688.97
NHCW-08	712.84	4/1/2021	ND	23.62	0.00	689.22
NHCW-08	712.84	4/12/2021	ND	23.34	0.00	689.50
NHCW-08	712.84	4/19/2021	ND	23.40	0.00	689.44
NHCW-08	712.84	4/29/2021	ND	23.42	0.00	689.42
NHCW-08	712.84	5/3/2021	ND	23.43	0.00	689.41
NHCW-08	712.84	5/10/2021	ND	23.59	0.00	689.25
NHCW-08	712.84	5/18/2021	ND	23.75	0.00	689.09
NHCW-08	712.84	5/26/2021	ND	23.78	0.00	689.06
NHCW-08	712.84	5/31/2021	ND	24.02	0.00	688.82
NHCW-08	712.84	6/7/2021	ND	24.13	0.00	688.71
NHCW-08	712.84	6/14/2021	ND	24.23	0.00	688.61
NHCW-08	712.84	6/21/2021	ND	24.47	0.00	688.37
NHCW-08	712.84	7/1/2021	ND	24.60	0.00	688.24
NHCW-08	712.84	7/6/2021	ND	24.64	0.00	688.20
NHCW-08	712.84	7/14/2021	ND	24.94	0.00	687.90
NHCW-08	712.84	7/28/2021	ND	25.46	0.00	687.38
NHCW-08	712.84	8/2/2021	ND	25.99	0.00	686.85
NHCW-08	712.84	8/16/2021	ND	26.38	0.00	686.46
NHCW-09	711.21	2/16/2021	ND	23.89	0.00	687.32
NHCW-09	711.21	2/22/2021	ND	23.61	0.00	687.60
NHCW-09	711.21	3/4/2021	ND	23.37	0.00	687.84
NHCW-09	711.21	3/8/2021	ND	23.47	0.00	687.74
NHCW-09	711.21	3/15/2021	ND	23.40	0.00	687.81
NHCW-09	711.21	3/22/2021	ND	23.19	0.00	688.02
NHCW-09	711.21	4/1/2021	ND	22.79	0.00	688.42
NHCW-09	711.21	4/12/2021	ND	22.54	0.00	688.67
NHCW-09	711.21	4/19/2021	ND	22.71	0.00	688.50
NHCW-09	711.21	4/29/2021	ND	22.94	0.00	688.27
NHCW-09	711.21	5/3/2021	ND	23.02	0.00	688.19
NHCW-09	711.21	5/10/2021	ND	23.22	0.00	687.99
NHCW-09	711.21	5/18/2021	ND	23.47	0.00	687.74
NHCW-09	711.21	5/26/2021	ND	23.57	0.00	687.64
NHCW-09	711.21	5/31/2021	ND	23.85	0.00	687.36
NHCW-09	711.21	6/7/2021	ND	24.05	0.00	687.16
NHCW-09	711.21	6/14/2021	ND	24.19	0.00	687.02
NHCW-09	711.21	6/21/2021	ND	24.49	0.00	686.72
NHCW-09	711.21	7/1/2021	ND	24.68	0.00	686.53
NHCW-09	711.21	7/6/2021	ND	24.90	0.00	686.31
NHCW-09	711.21	7/14/2021	ND	25.05	0.00	686.16
NHCW-09	711.21	7/28/2021	ND	25.52	0.00	685.69
NHCW-09	711.21	8/2/2021	ND	25.92	0.00	685.29
NHCW-09	711.21	8/16/2021	ND	26.36	0.00	684.85

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-10	713.05	2/16/2021	ND	26.85	0.00	686.20
NHCW-10	713.05	2/22/2021	ND	23.68	0.00	689.37
NHCW-10	713.05	3/4/2021	ND	26.00	0.00	687.05
NHCW-10	713.05	3/8/2021	ND	26.11	0.00	686.94
NHCW-10	713.05	3/15/2021	ND	26.17	0.00	686.88
NHCW-10	713.05	3/22/2021	ND	25.81	0.00	687.24
NHCW-10	713.05	4/1/2021	ND	25.10	0.00	687.95
NHCW-10	713.05	4/12/2021	ND	25.08	0.00	687.97
NHCW-10	713.05	4/19/2021	ND	25.44	0.00	687.61
NHCW-10	713.05	4/29/2021	ND	25.98	0.00	687.07
NHCW-10	713.05	5/3/2021	ND	26.14	0.00	686.91
NHCW-10	713.05	5/10/2021	ND	26.52	0.00	686.53
NHCW-10	713.05	5/18/2021	ND	26.65	0.00	686.40
NHCW-10	713.05	5/26/2021	ND	26.87	0.00	686.18
NHCW-10	713.05	5/31/2021	ND	27.20	0.00	685.85
NHCW-10	713.05	6/7/2021	ND	27.50	0.00	685.55
NHCW-10	713.05	6/14/2021	ND	27.75	0.00	685.30
NHCW-10	713.05	6/21/2021	ND	28.12	0.00	684.93
NHCW-10	713.05	7/1/2021	ND	28.29	0.00	684.76
NHCW-10	713.05	7/6/2021	ND	28.53	0.00	684.52
NHCW-10	713.05	7/14/2021	ND	28.67	0.00	684.38
NHCW-10	713.05	7/28/2021	ND	29.13	0.00	683.92
NHCW-10	713.05	8/2/2021	ND	29.46	0.00	683.59
NHCW-10	713.05	8/16/2021	ND	30.01	0.00	683.04
NHCW-11	709.11	2/16/2021	ND	23.12	0.00	685.99
NHCW-11	709.11	2/22/2021	ND	22.52	0.00	686.59
NHCW-11	709.11	3/4/2021	ND	23.73	0.00	685.38
NHCW-11	709.11	3/8/2021	ND	23.88	0.00	685.23
NHCW-11	709.11	3/15/2021	ND	23.95	0.00	685.16
NHCW-11	709.11	3/22/2021	ND	23.46	0.00	685.65
NHCW-11	709.11	4/1/2021	ND	22.66	0.00	686.45
NHCW-11	709.11	4/12/2021	ND	22.81	0.00	686.30
NHCW-11	709.11	4/19/2021	23.02	23.03	0.01	686.08
NHCW-11	709.11	4/29/2021	23.83	23.88	0.05	685.26
NHCW-11	709.11	5/3/2021	24.08	24.13	0.05	685.01
NHCW-11	709.11	5/10/2021	ND	24.53	0.00	684.58
NHCW-11	709.11	5/18/2021	24.88	25.01	0.13	684.19
NHCW-11	709.11	5/26/2021	25.03	25.18	0.15	684.04
NHCW-11	709.11	5/31/2021	25.42	25.59	0.17	683.64
NHCW-11	709.11	6/7/2021	25.72	25.85	0.13	683.35
NHCW-11	709.11	7/1/2021	ND	26.00	0.00	683.11
NHCW-11	709.11	7/14/2021	ND	26.32	0.00	682.79
NHCW-11	709.11	7/28/2021	ND	26.72	0.00	682.39

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-12	707.70	2/22/2021	ND	19.77	0.00	687.93
NHCW-12	707.70	3/4/2021	ND	20.92	0.00	686.78
NHCW-12	707.70	3/8/2021	21.16	21.17	0.01	686.53
NHCW-12	707.70	3/11/2021	21.17	21.34	0.17	686.48
NHCW-12	707.70	3/15/2021	21.24	21.58	0.34	686.36
NHCW-12	707.70	3/22/2021	20.52	20.87	0.35	687.08
NHCW-12	707.70	4/1/2021	19.61	20.09	0.48	687.96
NHCW-12	707.70	4/12/2021	20.04	20.87	0.83	687.43
NHCW-12	707.70	4/19/2021	20.35	21.44	1.09	687.05
NHCW-12	707.70	4/29/2021	20.28	21.82	1.54	687.00
NHCW-12	707.70	5/3/2021	ARP	ARP	ARP	ARP
NHCW-12	707.70	5/10/2021	ARP	ARP	ARP	ARP
NHCW-12	707.70	5/26/2021	21.48	23.32	1.84	685.72
NHCW-12	707.09	6/9/2021	22.10	24.05	1.95	684.47
NHCW-12	707.09	7/1/2021	22.97	24.63	1.66	683.68
NHCW-12	706.69	7/14/2021	23.35	25.22	1.87	682.84
NHCW-12	706.69	7/28/2021	23.77	25.64	1.87	682.42
NHCW-13	704.81	2/22/2021	ND	17.98	0.00	686.83
NHCW-13	704.81	3/4/2021	17.85	18.89	1.04	686.68
NHCW-13	704.81	3/8/2021	NM	NM	NM	NM
NHCW-13	704.81	3/11/2021	18.06	19.75	1.69	686.30
NHCW-13	704.81	3/15/2021	18.12	20.18	2.06	686.14
NHCW-13	704.81	3/22/2021	16.94	20.87	3.93	686.82
NHCW-13	704.81	4/1/2021	15.71	20.22	4.51	687.90
NHCW-13	704.81	4/12/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	4/12/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	4/29/2021	18.65	19.54	0.89	685.92
NHCW-13	704.81	5/3/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	5/10/2021	ARP	ARP	ARP	ARP
NHCW-13	704.81	5/26/2021	19.71	21.47	1.76	684.63
NHCW-13	704.81	6/9/2021	20.24	22.39	2.15	684.00
NHCW-13	704.81	7/1/2021	21.25	22.67	1.42	683.18
NHCW-13	704.81	7/14/2021	21.67	23.18	1.51	682.74
NHCW-13	704.81	7/28/2021	22.10	23.41	1.31	682.36

Table 4
Summary of Recovery Well Gauging Data

Colonial Pipeline Company
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Huntersville, North Carolina

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-14	703.34	2/22/2021	ND	15.45	0.00	687.89
NHCW-14	703.34	3/4/2021	ND	16.78	0.00	686.56
NHCW-14	703.34	3/8/2021	ND	17.32	0.00	686.02
NHCW-14	703.34	3/15/2021	ND	17.44	0.00	685.90
NHCW-14	703.34	3/22/2021	ND	16.38	0.00	686.96
NHCW-14	703.34	4/1/2021	ND	15.49	0.00	687.85
NHCW-14	703.34	4/12/2021	16.46	16.47	0.01	686.88
NHCW-14	703.34	4/19/2021	16.94	16.98	0.04	686.39
NHCW-14	703.34	4/29/2021	17.58	17.61	0.03	685.76
NHCW-14	703.34	5/3/2021	17.85	17.88	0.03	685.49
NHCW-14	703.34	5/10/2021	18.35	18.41	0.06	684.98
NHCW-14	703.34	5/18/2021	18.80	18.85	0.05	684.53
NHCW-14	703.34	5/26/2021	18.84	18.93	0.09	684.48
NHCW-14	703.34	5/31/2021	19.34	19.44	0.10	683.98
NHCW-14	703.34	6/7/2021	19.59	19.61	0.02	683.75
NHCW-14	703.34	6/14/2021	19.73	19.91	0.18	683.57
NHCW-14	703.34	6/21/2021	20.04	20.22	0.18	683.26
NHCW-14	703.34	7/1/2021	20.24	20.44	0.20	683.05
NHCW-14	703.34	7/6/2021	20.51	20.80	0.29	682.76
NHCW-14	703.34	7/14/2021	20.38	20.49	0.11	682.93
NHCW-14	703.34	7/28/2021	20.72	20.84	0.12	682.59
NHCW-15	702.64	2/22/2021	ND	16.26	0.00	686.38
NHCW-15	702.64	3/4/2021	ND	17.06	0.00	685.58
NHCW-15	702.64	3/8/2021	ND	17.54	0.00	685.10
NHCW-15	702.64	3/11/2021	ND	17.57	0.00	685.07
NHCW-15	702.64	3/15/2021	ND	17.74	0.00	684.90
NHCW-15	702.64	3/22/2021	ND	16.89	0.00	685.75
NHCW-15	702.64	4/1/2021	ND	16.11	0.00	686.53
NHCW-15	702.64	4/12/2021	ND	16.87	0.00	685.77
NHCW-15	702.64	4/19/2021	ND	17.34	0.00	685.30
NHCW-15	702.64	4/29/2021	ND	17.94	0.00	684.70
NHCW-15	702.64	5/3/2021	ND	18.10	0.00	684.54
NHCW-15	702.64	5/10/2021	ND	18.54	0.00	684.10
NHCW-15	702.64	5/18/2021	ND	19.01	0.00	683.63
NHCW-15	702.64	5/26/2021	ND	19.15	0.00	683.49
NHCW-15	702.64	5/31/2021	ND	19.60	0.00	683.04
NHCW-15	702.64	6/7/2021	ND	19.89	0.00	682.75
NHCW-15	702.64	6/14/2021	ND	20.03	0.00	682.61
NHCW-15	702.64	6/21/2021	ND	20.36	0.00	682.28
NHCW-15	702.64	7/1/2021	ND	20.55	0.00	682.09
NHCW-15	702.64	7/6/2021	ND	20.81	0.00	681.83
NHCW-15	702.64	7/14/2021	ND	20.98	0.00	681.66
NHCW-15	702.64	7/28/2021	ND	21.32	0.00	681.32
NHCW-15	702.64	8/2/2021	ND	21.85	0.00	680.79
NHCW-15	702.64	8/16/2021	ND	22.39	0.00	680.25

Table 4
Summary of Recovery Well Gauging Data

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-16	704.99	2/22/2021	ND	20.32	0.00	684.67
NHCW-16	704.99	3/4/2021	ND	21.05	0.00	683.94
NHCW-16	704.99	3/8/2021	ND	21.35	0.00	683.64
NHCW-16	704.99	3/15/2021	ND	21.32	0.00	683.67
NHCW-16	704.99	3/22/2021	ND	21.43	0.00	683.56
NHCW-16	704.99	4/1/2021	ND	20.90	0.00	684.09
NHCW-16	704.99	4/12/2021	ND	21.15	0.00	683.84
NHCW-16	704.99	4/19/2021	ND	21.53	0.00	683.46
NHCW-16	704.99	4/29/2021	ND	21.83	0.00	683.16
NHCW-16	704.99	5/3/2021	ND	21.82	0.00	683.17
NHCW-16	704.99	5/10/2021	ND	22.17	0.00	682.82
NHCW-16	704.99	5/18/2021	ND	22.48	0.00	682.51
NHCW-16	704.99	5/26/2021	ND	22.56	0.00	682.43
NHCW-16	704.99	5/31/2021	ND	22.92	0.00	682.07
NHCW-16	704.99	6/7/2021	ND	23.23	0.00	681.76
NHCW-16	704.99	6/14/2021	ND	23.31	0.00	681.68
NHCW-16	704.99	6/21/2021	ND	23.57	0.00	681.42
NHCW-16	704.99	7/1/2021	ND	23.68	0.00	681.31
NHCW-16	704.99	7/6/2021	ND	23.89	0.00	681.10
NHCW-16	704.99	7/14/2021	23.95	23.98	0.03	681.03
NHCW-16	704.99	7/28/2021	24.44	24.46	0.02	680.54
NHCW-16	704.99	8/2/2021	24.95	24.96	0.01	680.04
NHCW-17	705.83	2/22/2021	ND	22.42	0.00	683.41
NHCW-17	705.83	3/4/2021	ND	22.12	0.00	683.71
NHCW-17	705.83	3/8/2021	ND	NM	NM	NM
NHCW-17	705.83	3/15/2021	ND	22.27	0.00	683.56
NHCW-17	705.83	3/22/2021	ND	22.36	0.00	683.47
NHCW-17	705.83	4/1/2021	ND	21.94	0.00	683.89
NHCW-17	705.83	4/12/2021	ND	22.04	0.00	683.79
NHCW-17	705.83	4/19/2021	ND	23.44	0.00	682.39
NHCW-17	705.83	4/29/2021	ND	22.84	0.00	682.99
NHCW-17	705.83	5/3/2021	ND	22.82	0.00	683.01
NHCW-17	705.83	5/10/2021	ND	23.19	0.00	682.64
NHCW-17	705.83	5/18/2021	ND	23.20	0.00	682.63
NHCW-17	705.83	5/26/2021	ND	23.39	0.00	682.44
NHCW-17	705.83	5/31/2021	ND	23.71	0.00	682.12
NHCW-17	705.83	6/7/2021	ND	24.01	0.00	681.82
NHCW-17	705.83	6/14/2021	ND	24.10	0.00	681.73
NHCW-17	705.83	6/21/2021	ND	24.38	0.00	681.45
NHCW-17	705.83	7/1/2021	ND	24.55	0.00	681.28
NHCW-17	705.83	7/6/2021	ND	24.72	0.00	681.11
NHCW-17	705.83	7/14/2021	ND	24.81	0.00	681.02
NHCW-17	705.83	7/28/2021	ND	25.32	0.00	680.51
NHCW-17	705.83	8/2/2021	ND	25.66	0.00	680.17
NHCW-17	705.83	8/16/2021	ND	26.30	0.00	679.53

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-18	709.11	2/22/2021	ND	25.78	0.00	683.33
NHCW-18	709.11	3/4/2021	ND	25.54	0.00	683.57
NHCW-18	709.11	3/8/2021	ND	26.37	0.00	682.74
NHCW-18	709.11	3/15/2021	ND	25.66	0.00	683.45
NHCW-18	709.11	3/22/2021	ND	25.71	0.00	683.40
NHCW-18	709.11	4/1/2021	ND	25.29	0.00	683.82
NHCW-18	709.11	4/12/2021	ND	25.42	0.00	683.69
NHCW-18	709.11	4/19/2021	ND	26.85	0.00	682.26
NHCW-18	709.11	4/29/2021	ND	26.21	0.00	682.90
NHCW-18	709.11	5/3/2021	ND	26.22	0.00	682.89
NHCW-18	709.11	5/10/2021	ND	26.56	0.00	682.55
NHCW-18	709.11	5/18/2021	ND	26.77	0.00	682.34
NHCW-18	709.11	5/26/2021	ND	23.89	0.00	685.22
NHCW-18	709.11	5/31/2021	ND	27.25	0.00	681.86
NHCW-18	709.11	6/7/2021	ND	27.58	0.00	681.53
NHCW-18	709.11	6/14/2021	ND	27.68	0.00	681.43
NHCW-18	709.11	6/21/2021	ND	27.95	0.00	681.16
NHCW-18	709.11	7/1/2021	ND	28.10	0.00	681.01
NHCW-18	709.11	7/6/2021	ND	28.27	0.00	680.84
NHCW-18	709.11	7/14/2021	ND	28.42	0.00	680.69
NHCW-18	709.11	7/28/2021	ND	28.84	0.00	680.27
NHCW-18	709.11	8/2/2021	ND	29.21	0.00	679.90
NHCW-18	709.11	8/16/2021	ND	29.83	0.00	679.28
NHCW-19	706.80	2/16/2021	ND	24.04	0.00	682.76
NHCW-19	706.80	2/22/2021	ND	23.48	0.00	683.32
NHCW-19	706.80	3/4/2021	ND	23.35	0.00	683.45
NHCW-19	706.80	3/8/2021	ND	23.65	0.00	683.15
NHCW-19	706.80	3/15/2021	ND	23.72	0.00	683.08
NHCW-19	706.80	3/22/2021	ND	23.59	0.00	683.21
NHCW-19	706.80	4/1/2021	ND	23.01	0.00	683.79
NHCW-19	706.80	4/12/2021	ND	23.48	0.00	683.32
NHCW-19	706.80	4/19/2021	ND	23.91	0.00	682.89
NHCW-19	706.80	4/29/2021	ND	24.18	0.00	682.62
NHCW-19	706.80	5/3/2021	ND	24.23	0.00	682.57
NHCW-19	706.80	5/10/2021	ND	24.50	0.00	682.30
NHCW-19	706.80	5/18/2021	ND	24.68	0.00	682.12
NHCW-19	706.80	5/26/2021	ND	24.88	0.00	681.92
NHCW-19	706.80	5/31/2021	ND	25.10	0.00	681.70
NHCW-19	706.80	6/7/2021	ND	25.44	0.00	681.36
NHCW-19	706.80	6/14/2021	ND	25.49	0.00	681.31
NHCW-19	706.80	6/21/2021	ND	25.74	0.00	681.06
NHCW-19	706.80	7/1/2021	ND	26.85	0.00	679.95
NHCW-19	706.80	7/6/2021	ND	26.07	0.00	680.73
NHCW-19	706.80	7/14/2021	ND	26.16	0.00	680.64
NHCW-19	706.80	7/28/2021	ND	26.57	0.00	680.23
NHCW-19	706.80	8/2/2021	ND	26.98	0.00	679.82
NHCW-19	706.80	8/16/2021	ND	27.58	0.00	679.22

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-20	709.03	2/16/2021	ND	26.37	0.00	682.66
NHCW-20	709.03	2/22/2021	ND	25.86	0.00	683.17
NHCW-20	709.03	3/4/2021	ND	25.76	0.00	683.27
NHCW-20	709.03	3/8/2021	ND	25.92	0.00	683.11
NHCW-20	709.03	3/15/2021	ND	25.99	0.00	683.04
NHCW-20	709.03	3/22/2021	ND	25.94	0.00	683.09
NHCW-20	709.03	4/1/2021	ND	25.46	0.00	683.57
NHCW-20	709.03	4/12/2021	ND	35.80	0.00	673.23
NHCW-20	709.03	4/19/2021	ND	26.17	0.00	682.86
NHCW-20	709.03	4/29/2021	ND	26.44	0.00	682.59
NHCW-20	709.03	5/3/2021	ND	26.50	0.00	682.53
NHCW-20	709.03	5/10/2021	ND	26.72	0.00	682.31
NHCW-20	709.03	5/18/2021	ND	26.83	0.00	682.20
NHCW-20	709.03	5/26/2021	ND	26.99	0.00	682.04
NHCW-20	709.03	5/31/2021	ND	27.22	0.00	681.81
NHCW-20	709.03	6/7/2021	ND	27.51	0.00	681.52
NHCW-20	709.03	6/14/2021	ND	27.60	0.00	681.43
NHCW-20	709.03	6/21/2021	ND	27.83	0.00	681.20
NHCW-20	709.03	7/1/2021	ND	27.98	0.00	681.05
NHCW-20	709.03	7/6/2021	ND	28.14	0.00	680.89
NHCW-20	709.03	7/14/2021	ND	28.25	0.00	680.78
NHCW-20	709.03	7/28/2021	ND	28.65	0.00	680.38
NHCW-20	709.03	8/2/2021	ND	29.09	0.00	679.94
NHCW-20	709.03	8/16/2021	ND	29.62	0.00	679.41
NHCW-21	709.90	2/16/2021	ND	31.29	0.00	678.61
NHCW-21	709.90	2/22/2021	ND	27.03	0.00	682.87
NHCW-21	709.90	3/4/2021	ND	NM	NM	NM
NHCW-21	709.90	3/8/2021	ND	26.97	0.00	682.93
NHCW-21	709.90	3/15/2021	ND	27.00	0.00	682.90
NHCW-21	709.90	3/22/2021	ND	26.96	0.00	682.94
NHCW-21	709.90	4/1/2021	ND	26.62	0.00	683.28
NHCW-21	709.90	4/12/2021	ND	26.81	0.00	683.09
NHCW-21	709.90	4/19/2021	ND	27.17	0.00	682.73
NHCW-21	709.90	4/29/2021	ND	27.32	0.00	682.58
NHCW-21	709.90	5/3/2021	ND	27.35	0.00	682.55
NHCW-21	709.90	5/10/2021	ND	27.51	0.00	682.39
NHCW-21	709.90	5/18/2021	ND	27.57	0.00	682.33
NHCW-21	709.90	5/26/2021	ND	27.69	0.00	682.21
NHCW-21	709.90	5/31/2021	ND	27.91	0.00	681.99
NHCW-21	709.90	6/7/2021	ND	28.14	0.00	681.76
NHCW-21	709.90	6/14/2021	ND	28.22	0.00	681.68
NHCW-21	709.90	6/21/2021	ND	28.43	0.00	681.47
NHCW-21	709.90	7/1/2021	ND	28.55	0.00	681.35
NHCW-21	709.90	7/6/2021	ND	28.73	0.00	681.17
NHCW-21	709.90	7/14/2021	ND	28.81	0.00	681.09
NHCW-21	709.90	7/28/2021	ND	29.20	0.00	680.70
NHCW-21	709.90	8/2/2021	ND	29.60	0.00	680.30
NHCW-21	709.90	8/16/2021	ND	30.18	0.00	679.72

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Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-22	712.70	2/16/2021	ND	29.58	0.00	683.12
NHCW-22	712.70	2/22/2021	ND	30.14	0.00	682.56
NHCW-22	712.70	3/4/2021	ND	30.11	0.00	682.59
NHCW-22	712.70	3/8/2021	ND	30.02	0.00	682.68
NHCW-22	712.70	3/15/2021	ND	29.98	0.00	682.72
NHCW-22	712.70	3/22/2021	ND	30.01	0.00	682.69
NHCW-22	712.70	4/1/2021	ND	29.72	0.00	682.98
NHCW-22	712.70	4/12/2021	ND	29.83	0.00	682.87
NHCW-22	712.70	4/19/2021	ND	30.03	0.00	682.67
NHCW-22	712.70	4/29/2021	ND	29.99	0.00	682.71
NHCW-22	712.70	5/3/2021	ND	29.98	0.00	682.72
NHCW-22	712.70	5/10/2021	ND	30.10	0.00	682.60
NHCW-22	712.70	5/18/2021	ND	30.13	0.00	682.57
NHCW-22	712.70	5/26/2021	ND	30.21	0.00	682.49
NHCW-22	712.70	5/31/2021	ND	30.37	0.00	682.33
NHCW-22	712.70	6/7/2021	ND	30.62	0.00	682.08
NHCW-22	712.70	6/14/2021	ND	30.66	0.00	682.04
NHCW-22	712.70	6/21/2021	ND	30.83	0.00	681.87
NHCW-22	712.70	7/1/2021	ND	30.91	0.00	681.79
NHCW-22	712.70	7/6/2021	ND	31.12	0.00	681.58
NHCW-22	712.70	7/14/2021	ND	31.15	0.00	681.55
NHCW-22	712.70	7/28/2021	ND	31.53	0.00	681.17
NHCW-22	712.70	8/2/2021	ND	31.95	0.00	680.75
NHCW-22	712.70	8/16/2021	ND	32.44	0.00	680.26
NHCW-23	715.10	2/16/2021	ND	31.68	0.00	683.42
NHCW-23	715.10	2/22/2021	ND	32.55	0.00	682.55
NHCW-23	715.10	3/4/2021	ND	32.95	0.00	682.15
NHCW-23	715.10	3/8/2021	ND	32.40	0.00	682.70
NHCW-23	715.10	3/15/2021	ND	32.35	0.00	682.75
NHCW-23	715.10	3/22/2021	ND	32.39	0.00	682.71
NHCW-23	715.10	4/1/2021	ND	32.15	0.00	682.95
NHCW-23	715.10	4/12/2021	ND	32.20	0.00	682.90
NHCW-23	715.10	4/19/2021	ND	32.32	0.00	682.78
NHCW-23	715.10	4/29/2021	ND	32.26	0.00	682.84
NHCW-23	715.10	5/3/2021	ND	32.24	0.00	682.86
NHCW-23	715.10	5/10/2021	ND	32.32	0.00	682.78
NHCW-23	715.10	5/18/2021	ND	32.32	0.00	682.78
NHCW-23	715.10	5/26/2021	ND	32.43	0.00	682.67
NHCW-23	715.10	5/31/2021	ND	32.54	0.00	682.56
NHCW-23	715.10	6/7/2021	ND	32.78	0.00	682.32
NHCW-23	715.10	6/14/2021	ND	32.80	0.00	682.30
NHCW-23	715.10	6/21/2021	ND	32.98	0.00	682.12
NHCW-23	715.10	7/1/2021	ND	33.02	0.00	682.08
NHCW-23	715.10	7/6/2021	ND	33.23	0.00	681.87
NHCW-23	715.10	7/14/2021	ND	33.23	0.00	681.87
NHCW-23	715.10	7/28/2021	ND	33.64	0.00	681.46
NHCW-23	715.10	8/2/2021	ND	34.07	0.00	681.03
NHCW-23	715.10	8/16/2021	ND	34.50	0.00	680.60

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-24	717.38	2/16/2021	ND	34.91	0.00	682.47
NHCW-24	717.38	2/22/2021	ND	34.77	0.00	682.61
NHCW-24	717.38	3/4/2021	ND	NM	NM	NM
NHCW-24	717.38	3/8/2021	ND	35.61	0.00	681.77
NHCW-24	717.38	3/15/2021	ND	34.54	0.00	682.84
NHCW-24	717.38	3/22/2021	ND	34.55	0.00	682.83
NHCW-24	717.38	4/1/2021	ND	34.32	0.00	683.06
NHCW-24	717.38	4/12/2021	ND	34.32	0.00	683.06
NHCW-24	717.38	4/19/2021	ND	34.40	0.00	682.98
NHCW-24	717.38	4/29/2021	ND	34.30	0.00	683.08
NHCW-24	717.38	5/3/2021	ND	34.26	0.00	683.12
NHCW-24	717.38	5/10/2021	ND	34.31	0.00	683.07
NHCW-24	717.38	5/18/2021	ND	34.30	0.00	683.08
NHCW-24	717.38	5/26/2021	ND	34.34	0.00	683.04
NHCW-24	717.38	5/31/2021	ND	34.50	0.00	682.88
NHCW-24	717.38	6/7/2021	ND	34.72	0.00	682.66
NHCW-24	717.38	6/14/2021	ND	34.74	0.00	682.64
NHCW-24	717.38	6/21/2021	ND	34.92	0.00	682.46
NHCW-24	717.38	7/1/2021	ND	34.98	0.00	682.40
NHCW-24	717.38	7/6/2021	ND	35.20	0.00	682.18
NHCW-24	717.38	7/14/2021	ND	35.23	0.00	682.15
NHCW-24	717.38	7/28/2021	ND	35.56	0.00	681.82
NHCW-24	717.38	8/2/2021	ND	35.97	0.00	681.41
NHCW-24	717.38	8/16/2021	ND	36.40	0.00	680.98
NHCW-25	720.83	2/16/2021	ND	36.40	0.00	684.43
NHCW-25	720.83	2/22/2021	ND	38.02	0.00	682.81
NHCW-25	720.83	3/4/2021	ND	38.22	0.00	682.61
NHCW-25	720.83	3/8/2021	ND	37.93	0.00	682.90
NHCW-25	720.83	3/15/2021	ND	37.82	0.00	683.01
NHCW-25	720.83	3/22/2021	ND	37.80	0.00	683.03
NHCW-25	720.83	4/1/2021	ND	37.60	0.00	683.23
NHCW-25	720.83	4/12/2021	ND	37.51	0.00	683.32
NHCW-25	720.83	4/19/2021	ND	37.57	0.00	683.26
NHCW-25	720.83	4/29/2021	ND	37.36	0.00	683.47
NHCW-25	720.83	5/3/2021	ND	37.34	0.00	683.49
NHCW-25	720.83	5/10/2021	ND	37.35	0.00	683.48
NHCW-25	720.83	5/18/2021	ND	37.36	0.00	683.47
NHCW-25	720.83	5/26/2021	ND	37.43	0.00	683.40
NHCW-25	720.83	5/31/2021	ND	37.51	0.00	683.32
NHCW-25	720.83	6/7/2021	ND	37.74	0.00	683.09
NHCW-25	720.83	6/14/2021	ND	37.76	0.00	683.07
NHCW-25	720.83	6/21/2021	ND	37.95	0.00	682.88
NHCW-25	720.83	7/1/2021	ND	38.00	0.00	682.83
NHCW-25	720.83	7/6/2021	ND	38.22	0.00	682.61
NHCW-25	720.83	7/14/2021	ND	38.26	0.00	682.57
NHCW-25	720.83	7/28/2021	ND	38.59	0.00	682.24
NHCW-25	720.83	8/2/2021	ND	38.99	0.00	681.84
NHCW-25	720.83	8/16/2021	ND	39.35	0.00	681.48

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-26	723.09	2/16/2021	ND	37.23	0.00	685.86
NHCW-26	723.09	2/22/2021	ND	39.46	0.00	683.63
NHCW-26	723.09	3/4/2021	ND	39.44	0.00	683.65
NHCW-26	723.09	3/8/2021	ND	39.45	0.00	683.64
NHCW-26	723.09	3/15/2021	ND	39.31	0.00	683.78
NHCW-26	723.09	3/22/2021	ND	39.26	0.00	683.83
NHCW-26	723.09	4/1/2021	ND	39.12	0.00	683.97
NHCW-26	723.09	4/12/2021	ND	38.94	0.00	684.15
NHCW-26	723.09	4/19/2021	ND	38.91	0.00	684.18
NHCW-26	723.09	4/29/2021	ND	38.72	0.00	684.37
NHCW-26	723.09	5/3/2021	ND	38.62	0.00	684.47
NHCW-26	723.09	5/10/2021	ND	38.61	0.00	684.48
NHCW-26	723.09	5/18/2021	ND	38.59	0.00	684.50
NHCW-26	723.09	5/26/2021	ND	38.60	0.00	684.49
NHCW-26	723.09	5/31/2021	ND	38.67	0.00	684.42
NHCW-26	723.09	6/7/2021	ND	38.77	0.00	684.32
NHCW-26	723.09	6/14/2021	ND	38.82	0.00	684.27
NHCW-26	723.09	6/21/2021	ND	38.98	0.00	684.11
NHCW-26	723.09	7/1/2021	ND	39.06	0.00	684.03
NHCW-26	723.09	7/6/2021	ND	39.23	0.00	683.86
NHCW-26	723.09	7/14/2021	ND	39.33	0.00	683.76
NHCW-26	723.09	7/28/2021	ND	39.63	0.00	683.46
NHCW-26	723.09	8/2/2021	ND	39.92	0.00	683.17
NHCW-26	723.09	8/16/2021	ND	40.24	0.00	682.85
NHCW-27	724.18	2/22/2021	ND	40.08	0.00	684.10
NHCW-27	724.18	3/4/2021	ND	40.05	0.00	684.13
NHCW-27	724.18	3/8/2021	ND	40.06	0.00	684.12
NHCW-27	724.18	3/15/2021	ND	39.95	0.00	684.23
NHCW-27	724.18	3/22/2021	ND	39.92	0.00	684.26
NHCW-27	724.18	4/1/2021	ND	39.77	0.00	684.41
NHCW-27	724.18	4/12/2021	ND	39.62	0.00	684.56
NHCW-27	724.18	4/19/2021	ND	39.62	0.00	684.56
NHCW-27	724.18	4/29/2021	ND	39.39	0.00	684.79
NHCW-27	724.18	5/3/2021	ND	39.31	0.00	684.87
NHCW-27	724.18	5/10/2021	ND	39.27	0.00	684.91
NHCW-27	724.18	5/18/2021	ND	39.22	0.00	684.96
NHCW-27	724.18	5/26/2021	ND	39.23	0.00	684.95
NHCW-27	724.18	5/31/2021	ND	39.29	0.00	684.89
NHCW-27	724.18	6/7/2021	ND	39.41	0.00	684.77
NHCW-27	724.18	6/14/2021	ND	39.44	0.00	684.74
NHCW-27	724.18	6/21/2021	ND	39.60	0.00	684.58
NHCW-27	724.18	7/1/2021	ND	39.68	0.00	684.50
NHCW-27	724.18	7/6/2021	ND	39.85	0.00	684.33
NHCW-27	724.18	7/14/2021	ND	40.61	0.00	683.57
NHCW-27	724.18	7/28/2021	ND	40.20	0.00	683.98
NHCW-27	724.18	8/2/2021	ND	40.51	0.00	683.67
NHCW-27	724.18	8/16/2021	ND	40.85	0.00	683.33

Table 4
Summary of Recovery Well Gauging Data

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

Well ID	Top Of Casing Elevation ¹	Date	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Free Product Thickness (ft)	Groundwater Elevation ² (ft btoc)
NHCW-28	725.46	2/16/2021	ND	38.22	0.00	687.24
NHCW-28	725.46	2/22/2021	ND	39.54	0.00	685.92
NHCW-28	725.46	3/4/2021	ND	38.51	0.00	686.95
NHCW-28	725.46	3/8/2021	ND	39.55	0.00	685.91
NHCW-28	725.46	3/15/2021	ND	39.45	0.00	686.01
NHCW-28	725.46	3/22/2021	ND	39.47	0.00	685.99
NHCW-28	725.46	4/1/2021	ND	39.34	0.00	686.12
NHCW-28	725.46	4/12/2021	ND	39.26	0.00	686.20
NHCW-28	725.46	4/19/2021	ND	39.28	0.00	686.18
NHCW-28	725.46	4/29/2021	ND	39.10	0.00	686.36
NHCW-28	725.46	5/3/2021	ND	39.03	0.00	686.43
NHCW-28	725.46	5/10/2021	ND	39.04	0.00	686.42
NHCW-28	725.46	5/18/2021	ND	39.01	0.00	686.45
NHCW-28	725.46	5/26/2021	ND	39.01	0.00	686.45
NHCW-28	725.46	5/31/2021	ND	39.04	0.00	686.42
NHCW-28	725.46	6/7/2021	ND	39.15	0.00	686.31
NHCW-28	725.46	6/14/2021	ND	39.12	0.00	686.34
NHCW-28	725.46	6/21/2021	ND	39.32	0.00	686.14
NHCW-28	725.46	7/1/2021	ND	39.33	0.00	686.13
NHCW-28	725.46	7/6/2021	ND	39.45	0.00	686.01
NHCW-28	725.46	7/14/2021	ND	40.46	0.00	685.00
NHCW-28	725.46	7/28/2021	ND	39.79	0.00	685.67
NHCW-28	725.46	8/2/2021	ND	40.13	0.00	685.33
NHCW-28	725.46	8/16/2021	ND	40.44	0.00	685.02
NHCW-29	728.13	2/22/2021	ND	40.76	0.00	687.37
NHCW-29	728.13	3/4/2021	ND	38.73	0.00	689.40
NHCW-29	728.13	3/8/2021	ND	40.79	0.00	687.34
NHCW-29	728.13	3/15/2021	ND	40.68	0.00	687.45
NHCW-29	728.13	3/22/2021	ND	40.67	0.00	687.46
NHCW-29	728.13	4/1/2021	ND	40.60	0.00	687.53
NHCW-29	728.13	4/12/2021	ND	40.49	0.00	687.64
NHCW-29	728.13	4/19/2021	ND	40.56	0.00	687.57
NHCW-29	728.13	4/29/2021	ND	40.33	0.00	687.80
NHCW-29	728.13	5/3/2021	ND	40.27	0.00	687.86
NHCW-29	728.13	5/10/2021	ND	40.25	0.00	687.88
NHCW-29	728.13	5/18/2021	ND	40.21	0.00	687.92
NHCW-29	728.13	5/26/2021	ND	40.28	0.00	687.85
NHCW-29	728.13	5/31/2021	ND	40.24	0.00	687.89
NHCW-29	728.13	6/7/2021	ND	40.34	0.00	687.79
NHCW-29	728.13	6/14/2021	ND	40.32	0.00	687.81
NHCW-29	728.13	6/21/2021	ND	40.46	0.00	687.67
NHCW-29	728.13	7/1/2021	ND	40.50	0.00	687.63
NHCW-29	728.13	7/6/2021	ND	40.61	0.00	687.52
NHCW-29	728.13	7/14/2021	ND	40.68	0.00	687.45
NHCW-29	728.13	7/28/2021	ND	40.94	0.00	687.19
NHCW-29	728.13	8/2/2021	ND	41.22	0.00	686.91
NHCW-29	728.13	8/16/2021	ND	51.49	0.00	676.64

Notes:

ft btoc = Feet Below Top of Casing

N/A = Not Applicable

RW = Recovery Well

HCW = Hydraulic Control Well

NCHW = North Hydraulic Control Well

ND = No free product was detected in well

NW = No water measured; well contained product only

Dry = Well was dry; no free product or water detected in well

ARP = Active Recovery Pump in Well

¹ = Elevations surveyed in feet using the NAVD88 vertical datum

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

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																						MADEP VPH (µg/L)						
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)	
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Surficial Unit Monitoring Wells																																	
92493062	MW-1 20200828	MW-01	08/28/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-1 20201021	MW-01	10/21/2020	50.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-01 20201130	MW-01	11/30/2020	43.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-1 20210104	MW-01	01/04/2021	15	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521237	MW-1 20210209	MW-01	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527327	MW-01 20210311	MW-01	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92527327	DUP-1-20210311	MW-01	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-01 20210408	MW-01	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-01 20210506	MW-01	05/06/2021	7.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.35J	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-01 20210603	MW-01	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.34J	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	DUP-1-20210603	MW-01	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.35J	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-01 20210709	MW-01	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-01 20210805	MW-01	08/05/2021	10.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92493062	MW-2 20200828	MW-02	08/28/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-2 20201021	MW-02	10/21/2020	19.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-02 20201130	MW-02	11/30/2020	20.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-2 20210104	MW-02	01/04/2021	12.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-2 20210208	MW-02	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527327	MW-02 20210311	MW-02	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-02 20210408	MW-02	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-02 20210507	MW-02	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542611	MW-02 20210604	MW-02	06/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548527	MW-02 20210708	MW-02	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548527	DUP-2-20210708	MW-02	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5																						

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92493708	MW-4 20200902	MW-04	09/02/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-4 20201021	MW-04	10/21/2020	19.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-04 20201130	MW-04	11/30/2020	16.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-4 20210104	MW-04	01/04/2021	14.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-4 20210208	MW-04	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527475	MW-04 20210312	MW-04	03/12/2021	5.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-04 20210408	MW-04	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-04 20210507	MW-04	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-04 20210603	MW-04	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-04 20210709	MW-04	07/09/2021	<5	0.43J	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.60	<1	<0.5	<0.5	0.4J	<1	0.4J	<50	<50	<50	<50	
92551297	MW-04 20210722	MW-04	07/22/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92554285	MW-04 20210806	MW-04	08/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92493708	MW-5 20200902	MW-05	09/02/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-5 20201021	MW-05	10/21/2020	19.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-05 20201130	MW-05	11/30/2020	13.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-05 20210104	MW-05	01/04/2021	46	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521237	MW-5 20210209	MW-05	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-05 20210310	MW-05	03/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531581	MW-05 20210406	MW-05	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-05 20210506	MW-05	05/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-05 20210603	MW-05	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.1	<1	<0.5	<0.5	3.8	2.6	1.2	<50	<50	<50	<50	
92548527	MW-05 20210708	MW-05	07/08/2021	<5	0.69	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.47J	<0.5	<2	<0.5	<2	<0.5	<0.5	1.1	<1	<0.5	<0.5	2.64	1.8	0.84	<50	<50	<50	<50
92551297	MW-05 20210722	MW-05	07/22/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.4	<1	<0.5	<0.5	1.68	1	0.68	NA	NA	NA	NA	
92551297	DUP-1-20210722	MW-05	07/22/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1																						

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92493708	MW-7 20200902	MW-07	09/02/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501960	MW-7 20201023	MW-07	10/23/2020	73.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.0	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-7 20201130	MW-07	11/30/2020	35.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-7 20210104	MW-07	01/04/2021	78	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521871	MW-7 20210211	MW-07	02/11/2021	57.1	3.6	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	4.0	<0.5	<2	<0.5	<2	0.66	<0.5	24.3	<1	0.6	<0.5	12.7	7.4	5.3	<100	<100	<100	182
92526977	MW-07 20210310	MW-07	03/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92532417	MW-07 20210408	MW-07	04/08/2021	6.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-07 20210506	MW-07	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-07 20210603	MW-07	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548527	MW-07 20210708	MW-07	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-07 20210805	MW-07	08/05/2021	<5	0.79	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<2	<0.5	<2	<0.5	<0.5	8.3	<1	0.79	<0.5	7.7	5	2.7	<50	<50	<50	67.4
92494322	MW-8 20200903	MW-08	09/03/2020	<5	<0.5	2.5	<0.5	<1	15.5	<1	<0.5	3.8	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	2.3	<1	<0.5	<0.5	1.78	1.2	0.58	<100	<100	<100	<100	
92495239	MW-08 20200913	MW-08	09/13/2020	<5	<0.5	1.6	<0.5	<1	12.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.56	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501345	MW-08 20201020	MW-08	10/20/2020	11.2	<0.5	<0.5	<0.5	<1	3.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508886	MW-8 20201201	MW-08	12/02/2020	9.7	<0.5	<0.5	<0.5	<1	0.96	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515216	MW-08 20210106	MW-08	01/06/2021	10	<0.5	<0.5	<0.5	<1	0.93	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522126	MW-8 20210212	MW-08	02/12/2021	<5	<0.5	<0.5	<0.5	<1	0.77	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527474	MW-08 20210312	MW-08	03/12/2021	<5	<0.5	<0.5	<0.5	<1	0.87	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531580	MW-08 20210406	MW-08	04/06/2021	<5	<0.5	<0.5	<0.5	<1	0.70	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536726	MW-08 20210504	MW-08	05/04/2021	<5	<0.5	<0.5	<0.5	<1	0.50	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542350	MW-08 20210603	MW-08	06/03/2021	<5	<0.5	<0.5	<0.5	<1	0.49J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547899	MW-08 20210706	MW-08	07/06/2021	<5	<0.5	<0.5	<0.5	<1	0.5J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553185	MW-08 20210803	MW-08	08/03/2021	<5	<0.5	<0.5	<0.5	<1	0.41J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92493708	MW-9 20200902	MW-09	09/02/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92495241	MW-09 20200913	MW-09	09/13/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-9 20201021	MW-09	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-09 20201130	MW-09	11/30/2020	7.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-9 20210104	MW-09	01/04/2021	5.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521237	MW-9 20210209	MW-09	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527327	MW-09 20210311	MW-09	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-09 20210409	MW-09	04/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541993	MW-09 20210602	MW-09	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-09 20210709	MW-09	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553563	MW-09 20210804	MW-09	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92493864	MW-11 20200903	MW-11	09/03/2020	<5	<0.5	2.1	<0.5	<1	18.3	<1	<0.5	3.7	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	4.1	1.2	<1	1	<0.5	2.55	1.8	0.75	<100	<100	<100	<100	
92495244	MW-11 20200913	MW-11	09/13/2020	<5	<0.5	<0.5	<0.5	<1	6.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	1.9	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
9250134																																

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92493708	MW-12 20200902	MW-12	09/02/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-12 20201021	MW-12	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-12 20201130	MW-12	11/30/2020	8.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-12 20210104	MW-12	01/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-12 20210208	MW-12	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527327	MW-12 20210311	MW-12	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-12 20210408	MW-12	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-12 20210507	MW-12	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	DUP-1-20210507	MW-12	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-12 20210603	MW-12	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-12 20210709	MW-12	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554285	MW-12 20210806	MW-12	08/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92495627	MW-13 20200915	MW-13	09/15/2020	<5	<0.5	2.2	<0.5	<1	21.7	<1	<0.5	0.54	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	4.4	1.5	<1	0.76	<0.5	2.72	1.8	0.92	<100	<100	<100	<100	
92499587	MW-13 20201007	MW-13	10/07/2020	<5	<0.5	0.55	<0.5	<1	15.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	2.8	0.53	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501345	MW-13 20201020	MW-13	10/20/2020	<5	<0.5	<0.5	<0.5	<1	5.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	1.2	0.97	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509251	MW-13 20201202	MW-13	12/02/2020	<5	<0.5	<0.5	<0.5	<1	6.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	1.1	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515216	MW-13 20210106	MW-13	01/06/2021	<5	<0.5	<0.5	<0.5	<1	4.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.85	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522126	MW-13 20210212	MW-13	02/12/2021	<5	<0.5	<0.5	<0.5	<1	3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.69	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527474	MW-13 20210312	MW-13	03/12/2021	<5	<0.5	<0.5	<0.5	<1	4.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	1.1	0.64	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531580	MW-13 20210406	MW-13	04/06/2021	<5	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.58	0.65	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537158	MW-13 20210505	MW-13	05/05/2021	<5	0.65	0.37J	<0.5	<1	3.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.94	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50	
92541703	MW-13 20210601	MW-13	06/01/2021	<5	<0.5	0.58	<0.5	<1	5.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	1.1	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547899	MW-13 20210706	MW-13	07/06/2021	<5	<0.5	<0.5	<0.5	<1	2.9J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	0.59	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547899	DUP-1-20210706	MW-13	07/06/2021	<5	<0.5	<0.5	<0.5	<1	3.0	<1	<0.5	<0.50																				

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																						MADEP VPH (µg/L)					
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494640	MW-15 20200909	MW-15	09/09/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-15 20201021	MW-15	10/21/2020	10.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-15 20201130	MW-15	11/30/2020	28.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-15 20210104	MW-15	01/04/2021	13.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-15 20210208	MW-15	02/08/2021	14.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	DUP-1-20210104	MW-15	01/04/2021	14.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527475	MW-15 20210312	MW-15	03/12/2021	5.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-15 20210408	MW-15	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-15 20210507	MW-15	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-15 20210603	MW-15	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-15 20210709	MW-15	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554285	MW-15 20210806	MW-15	08/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92495905	MW-16 20200916	MW-16	09/16/2020	<5	<0.5	0.78	<0.5	<1	5.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92500605	MW-16 20201007	MW-16	10/07/2020	<5	<0.5	<0.5	<0.5	<1	3.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501343	MW-16 20201020	MW-16	10/20/2020	7.8	<0.5	<0.5	<0.5	<1	2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508884	MW-16 20201201	MW-16	12/01/2020	18.9	<0.5	<0.5	<0.5	<1	1.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515075	MW-16 20210106	MW-16	01/06/2021	42.7	<0.5	<0.5	<0.5	<1	1.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521555	MW-16 20210210	MW-16	02/10/2021	<5	<0.5	<0.5	<0.5	<1	0.72	<1	<0.5	<0.5	<0.5	<0.5	0.83	<0.5	<2	<0.5	<2	<0.5	<0.5	3.1	<1	2.5	0.68	4.9	3.4	1.5	<100	<100	<100	<100
92526257	MW-16 20210308	MW-16	03/08/2021	<5	<0.5	<0.5	<0.5	<1	0.91	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531853	MW-16 20210407	MW-16	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531853	DUP-1-20210407	MW-16	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537153	MW-16 20210505	MW-16	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50	
92541992	MW-16 20210602	MW-16	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1</										

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495905	MW-19 20200916	MW-19	09/16/2020	<5	0.8	3.3	<0.5	<1	30.8	<1	<0.5	0.79	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	2.4	1.4	<1	<0.5	<0.5	0.53	<1	0.53	<100	<100	<100	<100	
92500605	MW-19 20201007	MW-19	10/07/2020	7.8	0.9	<0.5	<0.5	<1	24.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	2.6	1.9	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501343	MW-19 20201020	MW-19	10/20/2020	71.3	<0.5	<0.5	<0.5	<1	8.9	<1	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<2	<0.5	<2	<0.5	1.1	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509252	MW-19 20201202	MW-19	12/02/2020	13.7	<0.5	0.70	<0.5	<1	10.2	<1	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<2	<0.5	<2	<0.5	1.4	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92515075	MW-19 20210106	MW-19	01/06/2021	115	171	<0.5	<0.5	<1	6.4	<1	<0.5	<0.5	<0.5	34.2	1.2	<0.5	<2	10.5	<2	<0.5	0.93	34	<1	3.4	<0.5	47.9	21.7	26.2	406	<100	<100	509
92521555	MW-19 20210210	MW-19	02/10/2021	<5	658	<2.5	<2.5	<5	3	<5	<2.5	<2.5	<2.5	83	23.9	<2.5	<10	28	33.2	<2.5	<2.5	518	<5	43.9	<2.5	388	225	163	3,080	724	158	3,960
92526257	MW-19 20210308	MW-19	03/08/2021	<5	2,140	<10	<10	<20	<10	<20	<10	<10	<10	227	151	<10	<40	65.7	155	<10	<10	2,440	<20	148	<10	1,303	838	465	10,000	2,080	473	12,600
92531225	MW-19 20210405	MW-19	04/05/2021	<5	4,560	<25	<25	<50	<25	<50	<25	<25	<25	445	367	<25	<100	120	<100	<25	<25	7,000	<50	297	<25	3,040	1,980	1,060	47,300	7,550	744	54,854
92536746	MW-19 20210504	MW-19	05/04/2021	<5	4,330	<25	<25	<50	<25	<50	<25	<25	<25	346	358	<25	<100	99.9	88.3J	<25	<25	6,300	<50	256	<25	3,060	1,970	1,090	56,000	8,520	<1,000	64,500
92541992	MW-19 20210602	MW-19	06/02/2021	<5	3,400	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	354	238	<12.5	<50	80.5	43.8J	<12.5	<12.5	4,740	<25	224	<12.5	2,459	1,590	869	38,600	6,190	652	44,800
92548170	MW-19 20210707	MW-19	07/07/2021	<5	4,280	<20	<20	<40	<20	<40	<20	<20	<20	371	398	<20	<80	76.9	68.5J	<20	<20	5,750	<40	289	68.9	3,060	1,980	1,080	58,200	7,250	<1,000	66,300
92553189	MW-19 20210803	MW-19	08/03/2021	<5	4,090	<20	<20	<40	<20	<40	<20	<20	<20	306	445	<20	<80	60.8	63.6J	<20	<20	5,710	<40	283	<20	3,040	1,980	1,060	58,900	7,110	<1,000	66,900
92494640	MW-20 20200909	MW-20	09/09/2020	<5	<0.5	<0.5	<0.5	<1	0.77	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-20 20201023	MW-20	10/23/2020	12.5	<0.5	<0.5	<0.5	<1	0.57	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508881	MW-20 20201201	MW-20	12/01/2020	26.1	<0.5	<0.5	<0.5	<1	1.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514598	MW-20 20210104	MW-20	01/04/2021	24.4	<0.5	<0.5	<0.5	<1	0.82	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.1	<1	2.2	<0.5	2.36	1.5	0.86	<100	<100	<100	<100
92521555	MW-20 20210210	MW-20	02/10/2021	<5	<0.5	<0.5	<0.5	<1	1.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	192	<100	<100	253
92521555	DUP-1-20210210	MW-20	02/10/2021	7.8	<0.5	<0.5	<0.5	<1	1.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-20 20210310	MW-20	03/10/2021	<5	<0.5	<0.5	<0.5	<1	2.0	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92530256	MW-20 20210407	MW-20	04/07/2021	<5	<0.5	<0.5	<0.5	<1	2.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-20 20210506	MW-20	05/06/2021	<5	<0.5	0.45J	<0.5	<1	2.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-20 20210603	MW-20	06/03/2021	<5	<0.5	0.52	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548168	MW-20 20210707	MW-20	07/07/2021	<5	0.81	0.58	<0.5	<1	3.3	<1	<0.5	<0.5	<0.5	<0.5	0.39J	<0.5	<2	<0.5	<													

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)			VOCs (µg/L)																				MADEP VPH (µg/L)						
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)	
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92496816	MW-23 20200920	MW-23	09/20/2020	<5	<0.5	6.1	<0.5	<1	36.9	<1	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531585	MW-23 20210406	MW-23	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92500605	MW-23R 20201007	MW-23	10/07/2020	32.2	<0.5	0.56	<0.5	<1	3.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501343	MW-23R 20201020	MW-23	10/20/2020	94.4	<0.5	<0.5	<0.5	<1	1.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508884	MW-23 20201201	MW-23	12/01/2020	24.7	<0.5	<0.5	<0.5	<1	0.97	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515075	MW-23 20210106	MW-23	01/06/2021	85.1	<0.5	<0.5	<0.5	<1	0.61	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521555	MW-23 20210210	MW-23	02/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526257	MW-23 20210308	MW-23	03/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92537153	MW-23 20210505	MW-23	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50	
92542352	MW-23 20210603	MW-23	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548170	MW-23 20210707	MW-23	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553189	MW-23 20210803	MW-23	08/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92495103	MW-25 20200911	MW-25	09/11/2020	<10	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501960	MW-25 20201023	MW-25	10/23/2020	97.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508881	MW-25 20201201	MW-25	12/01/2020	142	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-25 20210104	MW-25	01/04/2021	160	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521237	MW-25 20210209	MW-25	02/09/2021	<5	<0.5	<0.5	<0.5	<1	0.99	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-25 20210310	MW-25	03/10/2021	11.4	<0.5	<0.5	<0.5	<1	1.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92532417	MW-25 20210408	MW-25	04/08/2021	10.1	<0.5	<0.5	<0.5	<1	1.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-25 20210506	MW-25	05/06/2021	<5	<0.5	<0.5	<0.5	<1	1.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-25 20210603	MW-25	06/03/2021	<5	<0.5	0.32J	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-25 20210709	MW-25	07/09/2021	<5	3.9	0.33J	<0.5	<1	1.9	<1	<0.5	<0.5	<0.5	0.73	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.2	<1	0.59	<0.5	7.5	5.0	2.5	<50	<50	<50	<50	
92553563	MW-25 20210804	MW-25	08/04/2021	25.6	9.7	0.54J	<0.5	<1	2.5	<1	<0.5	<0.5	<0.5	3.1	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	9.3	<1	<0.5	<0.5	9.8	5.3	4.5	136	<50	<50	166	
92494640	MW-26 20200909	MW-26	09/09/2020	<5	7.7	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	1.3	1.8	<0.5	<2	<0.5	<2	<0.5	<0.5	22.6	<1	0.69	<0.5	9.5	6.4	3.1	<100	<100	<100	114	
92494640	MW-27 20200909	MW-27	09/09/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501860	MW-27 20201022	MW-27	10/22/2020	18.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-27 20201130	MW-27	11/30/2020	24.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-27 20210104	MW-27	01/04/2021	35.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521237	MW-27 20210209	MW-27	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-27 20210310	MW-27	03/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92532417	MW-27 20210408	MW-27	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-27 20210506	MW-27	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-27 20210603	MW-27	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548527	MW-27 20210708	MW-27	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-27 20210805	MW-27	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2																

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)								
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)	
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494923	MW-28 20200909	MW-28	09/09/2020	<25	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92501355	MW-28 20201020	MW-28	10/20/2020	27.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92509253	MW-28 20201202	MW-28	12/02/2020	58.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92515075	MW-28 20210106	MW-28	01/06/2021	45	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92521839	MW-28 20210211	MW-28	02/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92526257	MW-28 20210308	MW-28	03/08/2021	9.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92531853	MW-28 20210407	MW-28	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92537153	MW-28 20210505	MW-28	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92541992	MW-28 20210602	MW-28	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92548170	MW-28 20210707	MW-28	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92553519	MW-28 20210804	MW-28	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92553519	DUP-1-20210804	MW-28	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92495241	MW-29 20200913	MW-29	09/13/2020	<5	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92501860	MW-29 20201022	MW-29	10/22/2020	<5	<0.5	<0.5	<0.5	<1	0.77	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92509560	MW-29 20201203	MW-29	12/03/2020	23.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92514898	MW-29 20210105	MW-29	01/05/2021	5.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92521237	MW-29 20210209	MW-29	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92514898	Dup-1-20210105	MW-29	01/05/2021	5.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92527327	MW-29 20210311	MW-29	03/11/2021	<5	2.3	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	6.3	<1	<0.5	<0.5	2.74	1.8	0.94	<50	<50	<50	<50		
92532417	MW-29 20210409	MW-29	04/09/2021	<5	12.1	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	15.8	<0.5	<0.5	<2	0.7	<2	<0.5	<0.5	23.2	<1	0.59	<0.5	9.6	5.9	3.7	191	<50	<50	191	
92537784	MW-29 20210507	MW-29	05/07/2021	<5	785	<5	<5	<10	<5	<10	<5	<5	<5	96.6	34	<5	<20	8.9	7.4J	<5	<5	1,170	<10	45	<5	597	381	216	8,060	1,250	151	9,310	
92542375	MW-29 20210603	MW-29	06/03/2021	<5	1,170	<10	<10	<20	10.7	<20	8.0J	<10	8.4J	161	38.6	<10	<40	22.2	27.8J	<10	<10	2,400	<20	78.2	<10	774	495	279	19,000	2,100	<500	21,100	
92548787	MW-29 20210709	MW-29	07/09/2021	<5	2,000	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	236	117	<12.5	<50	43.3	24.6J	<12.5	<12.5	3,860	<25	133	<12.5	1,380	901	479	28,300	2,870	<500	31,600	
92548787	DUP-2-20210709	MW-29	07/09/2021	<5	1,950	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	229	115	<12.5	80	46.7	60.6	<12.5	<12.5	3,640	<25	137	<12.5	1,310	853	457	31,100	3,250	<500	34,900	
92554137	MW-29 20210805	MW-29	08/05/2021	<5	2,360	<20	<20	<40	<20	<40	<20	<20	<20	278	122	<20	<80	38	26.4J	<20	<20	4,970	<40	167	<20	1,639	1080	559	42,800	4,580	<1000	48,100	
92495103	MW-30 20200911	MW-30	09/11/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92501616	MW-30 20201021	MW-30	10/21/2020	<5	<0.5	<0.5	<0.5	<1	0.58	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92508536	MW-30 20201130	MW-30	11/30/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92514598	MW-30 20210104	MW-30	01/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92521237	MW-30 20210209	MW-30	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92521237	DUP-1-20210209	MW-30	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92527327	MW-30 20210311	MW-30	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92532417	MW-30 20210409	MW-30	04/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92537784	MW-30 20210507	MW-30	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92541993	MW-30 20210602	MW-30	06/02/2021	<5	0.69	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.66	<0.5	8.9	6	2.9	<50	<50	<50	<50		
92548787	MW-30 20210709	MW-30	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	&																		

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																					MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)	
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495239	MW-31 20200913	MW-31	09/13/2020	<5	0.56	<0.5	<0.5	<1	1.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	3.1	<1	0.61	<0.5	3.5	2.3	1.2	<100	<100	<100	<100		
92500605	MW-31 20201007	MW-31	10/07/2020	<5	<0.5	<0.5	<0.5	<1	3.0	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92501343	MW-31 20201020	MW-31	10/20/2020	<5	<0.5	<0.5	<0.5	<1	1.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92509252	MW-31 20201202	MW-31	12/02/2020	12.2	<0.5	<0.5	<0.5	<1	3.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92515075	MW-31 20210106	MW-31	01/06/2021	16.6	<0.5	<0.5	<0.5	<1	2.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92521555	MW-31 20210210	MW-31	02/10/2021	<5	<0.5	<0.5	<0.5	<1	1.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92526257	MW-31 20210308	MW-31	03/08/2021	<5	<0.5	<0.5	<0.5	<1	1.0	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92531585	MW-31 20210406	MW-31	04/06/2021	<5	<0.5	<0.5	<0.5	<1	0.86	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92536746	MW-31 20210504	MW-31	05/04/2021	<5	<0.5	<0.5	<0.5	<1	0.58	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50		
92542352	MW-31 20210603	MW-31	06/03/2021	<5	<0.5	<0.5	<0.5	<1	0.50	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	0.79J	<0.5	<0.5	<0.5	<1	<0.5	<0.5	0.35J	<1	0.35J	<50	<50	<50	<50		
92548170	MW-31 20210707	MW-31	07/07/2021	<5	<0.5	<0.5	<0.5	<1	0.43J	<1	<0.5	<0.5	<0.5	0.91	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553189	MW-31 20210803	MW-31	08/03/2021	<5	<0.5	<0.5	<0.5	<1	0.36J	<1	<0.5	<0.5	<0.5	1.3	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553189	DUP-1-20210803	MW-31	08/03/2021	<5	<0.5	<0.5	<0.5	<1	0.43J	<1	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92494864	MW-32 20200910	MW-32	09/10/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92501860	MW-32 20201022	MW-32	10/22/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92508536	MW-32 20201130	MW-32	11/30/2020	10.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92514598	MW-32 20210104	MW-32	01/04/2021	16.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92520901	MW-32 20210208	MW-32	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92520901	DUP-1-20210208	MW-32	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92526618	MW-32 20210309	MW-32	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92530256	MW-32 20210407	MW-32	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92537489	MW-32 20210506	MW-32	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92542611	MW-32 20210604	MW-32	06/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92548787	MW-32 20210709	MW-32	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92554137	MW-32 20210805	MW-32	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<														

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92494864	MW-37 20200910	MW-37	09/10/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-37 20201021	MW-37	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	MW-37 20201130	MW-37	11/30/2020	9.0	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514598	MW-37 20210104	MW-37	01/04/2021	9.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92495907	MW-38 20200916	MW-38	09/16/2020	<5	3.4	0.74	<0.5	<1	4.3	<1	<0.5	<0.5	<0.5	2	<0.5	<0.5	<2	0.78	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-38 20201023	MW-38	10/23/2020	<5	30.9	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	28.4	3.4	<0.5	<2	12.2	<2	<0.5	<0.5	70.3	<1	<0.5	<0.5	13.2	6.3	6.9	231	<100	<100	291
92509560	MW-38 20201203	MW-38	12/03/2020	22.4	125	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	50.4	14.1	<0.5	<2	19.0	<2	<0.5	<0.5	152	<1	3.9	<0.5	76.5	45.7	30.8	681	153	<100	885
92509560	Dup-3-20201203	MW-38	12/03/2020	24.6	134	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	51.8	14.6	<0.5	<2	19.3	<2	<0.5	<0.5	162	<1	4.2	<0.5	84	50.1	33.9	761	162	<100	969
92515544	MW-38 20210107	MW-38	01/07/2021	13.2	78.1	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	37.7	8.5	<0.5	<2	13.8	<2	<0.5	<0.5	79.5	<1	3.7	<0.5	54.6	34	20.6	389	107	<100	532
92521237	MW-38 20210209	MW-38	02/09/2021	<5	121	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	59.7	4.9	<0.5	<2	22.2	<2	<0.5	<0.5	39.1	<1	5.1	<0.5	79.8	47.8	32	443	135	<100	622
92526977	MW-38 20210310	MW-38	03/10/2021	<5	375	<2	<2	<4	<2	<4	<2	<2	<2	85.4	42.4	<2	<8	33.4	18.1	<2	<2	323	<4	29.8	<2	290	189	101	1,770	619	<100	2,490
92526977	DUP-1-20210310	MW-38	03/10/2021	<5	377	<2	<2	<4	<2	<4	<2	<2	<2	89.7	42.4	<2	<8	35.1	<8	<2	<2	327	<4	22.8	<2	300	195	105	1,570	464	<100	2,100
92530256	MW-38 20210407	MW-38	04/07/2021	<5	644	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	136	68.1	<2.5	<10	50.2	11.8	<2.5	<2.5	473	<5	46.9	<2.5	453	299	154	5,570	1,400	126	6,966
92537489	MW-38 20210506	MW-38	05/06/2021	<5	978	<5	<5	<10	<5	<10	<5	<5	<5	159	107	<5	<20	72.7	13.1J	<5	<5	743	<10	53	<5	713	463	250	8,950	2,100	198	11,000
92542375	MW-38 20210603	MW-38	06/03/2021	<5	1,320	<5	<5	<10	<5	<10	<5	<5	<5	230	147	4.4J	<20	87.8	16.5J	<5	<5	727	<10	75	<5	935	615	320	11,100	2,600	236	13,700
92548168	MW-38 20210707	MW-38	07/07/2021	<5	1,630	<5	<5	<10	<5	<10	<5	<5	<5	264	205	5.7J	<20	109	23.8	12.3	<5	780	<10	99.9	26	1,225	805	420	13,400	2,840	321	16,660
92548168	DUP-1-20210707	MW-38	07/07/2021	<5	1630	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	<6.2	271	209	5.7J	<25	113	25.1	12.8	<6.2	795	<12.5	106	27.6	1,256	829	427	14,700	3,070	356	18,100
92553563	MW-38 20210804	MW-38	08/04/2021	31.2	1920	<5	<5	<10	<5	<10	<5	<5	<5	302	150	3.9J	<20	134	18.1J	7	<5	494	<10	51.8	13.8	892	557	335	15,200	2,530	243	17,900
92495906	MW-39 20200916	MW-39	09/16/2020	<5	966	<5	<5	<10	13.9	<10	<5	<5	<5	83.3	124	<5	<20	10.8	<20	<5	<5	1,980	<10	61.1	<5	616	407	209	4,280	732	177	5,190
92495100	MW-40 20200911	MW-40	09/11/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	3.2	<0.5	<0.5	<2	1.3	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501343	MW-40 20201020	MW-40	10/20/2020	9.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92508884	MW-40 20201201	MW-40	12/01/2020	47.9	416	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	27.7	37.7	<2.5	<10	3.2	<10	<2.5	<2.5	829	<5	71.1	<2.5	617	404	213	2,770	1,070	323	4,070
92515075	MW-40 20210106	MW-40	01/06/2021	32.4	1,870	<12.5	<12.5	<25	<12.5	<25	<12.5	<12.5	<12.5	146	252	<12.5	<50	20	78.4	<12.5	<12.5	4,460	<25	355	<12.5	1,942	1,280	662	12,100	6,890	1,430	20,400
92495103	MW-41 20200911	MW-41	09/11/2020	<10	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.72	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501960	MW-41 20201023	MW-41	10/23/2020	18.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	2.3	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.51						

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495626	MW-42 20200915	MW-42	09/15/2020	<5	1.3	1.9	<0.5	<1	23.8	<1	<0.5	<0.5	<0.5	<0.5	2.4	<0.5	<2	<0.5	<2	<0.5	<0.5	10.8	<1	5.3	1.4	19.5	13.3	6.2	<100	<100	<100	150
92500606	MW-42 20201007	MW-42	09/13/2020	<5	0.78	0.7	<0.5	<1	23.9	<1	<0.5	<0.5	<0.5	<0.5	0.75	<0.5	<2	<0.5	<2	<0.5	<0.5	1.8	<1	1.3	<0.5	8.5	4.9	3.6	<100	<100	<100	<100
92501344	MW-42 20201020	MW-42	10/20/2020	<5	<0.5	<0.5	<0.5	<1	15.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509255	MW-42 20201202	MW-42	12/02/2020	<5	<0.5	<0.5	<0.5	<1	10.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92515387	MW-42 20210107	MW-42	01/07/2021	<5	<0.5	<0.5	<0.5	<1	6.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92522125	MW-42 20210212	MW-42	02/12/2021	<5	<0.5	<0.5	<0.5	<1	5.3	<1	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<2	<0.5	4.4	<0.5	<0.5	3.3	<1	14.8	3.9	10.9	7.3	3.6	<100	<100	123	252
92526617	MW-42 20210309	MW-42	03/09/2021	5.0	<0.5	<0.5	<0.5	<1	6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92531227	MW-42 20210405	MW-42	04/05/2021	<5	<0.5	<0.5	<0.5	<1	4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92536429	MW-42 20210503	MW-42	05/03/2021	<5	<0.5	<0.5	<0.5	<1	3.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	0.88J	<0.5	<0.5	<0.5	<1	<0.5	<0.5	1.13	0.74J	0.39J	<50	<50	<50	<50
92541705	MW-42 20210601	MW-42	06/01/2021	<5	<0.5	<0.5	<0.5	<1	3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92547901	MW-42 20210706	MW-42	07/06/2021	5.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	MW-42 20210802	MW-42	08/02/2021	<5	<0.5	<0.5	<0.5	<1	1.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92495907	MW-43 20200916	MW-43	09/16/2020	<5	<0.5	1.8	<0.5	<1	12.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.4	<1	0.58	<0.5	2.33	1.5	0.83	<100	<100	<100	<100
92501960	MW-43 20201023	MW-43	10/23/2020	<5	<0.5	0.51	<0.5	<1	5.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509250	MW-43 20201202	MW-43	12/02/2020	<5	<0.5	<0.5	<0.5	<1	2.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514898	MW-43 20210105	MW-43	01/05/2021	<5	<0.5	<0.5	<0.5	<1	1.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92521237	MW-43 20210209	MW-43	02/09/2021	<5	<0.5	<0.5	<0.5	<1	0.59	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527475	MW-43 20210312	MW-43	03/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-43 20210408	MW-43	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-43 20210507	MW-43	05/07/2021	7.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	0.55J	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-43 20210603	MW-43	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	0.48J	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-43 20210708	MW-43	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	0.46J	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92554137	MW-43 20210805	MW-43	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	0.58J	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92495627	MW-44 20200915	MW-44	09/15/2020	34.6	11.2	<0.5	<0.5	<1	18.5	<1	<0.5	<0.5	<0.5	<0.5	8.4	<0.5	<2	<0.5														

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495624	MW-45 20200915	MW-45	09/15/2020	<5	2.8	1.4	<0.5	<1	20	<1	<0.5	<0.5	<0.5	<0.5	3.1	<0.5	<2	<0.5	<2	<0.5	<0.5	27.8	<1	4.5	1.1	26.1	17.7	8.4	<100	<100	<100	154
92499587	MW-45 20201007	MW-45	10/07/2020	<5	1	0.64	<0.5	<1	15.8	<1	<0.5	<0.5	<0.5	<0.5	0.88	<0.5	<2	<0.5	<2	<0.5	<0.5	6.2	<1	1.4	<0.5	10.4	6.7	3.7	<100	<100	<100	<100
92501345	MW-45 20201020	MW-45	10/20/2020	39.5	<0.5	0.58	<0.5	<1	11.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.91	<1	<0.5	<0.5	2.04	1.3	0.74	<100	<100	<100	<100
92509251	MW-45 20201202	MW-45	12/02/2020	12.6	<0.5	<0.5	<0.5	<1	5.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514892	MW-45 20210105	MW-45	01/05/2021	12.8	<0.5	<0.5	<0.5	<1	4.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-45 20210212	MW-45	02/12/2021	<5	<0.5	<0.5	<0.5	<1	3.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	DUP-1-20210212	MW-45	02/12/2021	<5	<0.5	<0.5	<0.5	<1	3.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-45 20210312	MW-45	03/12/2021	6.1	<0.5	<0.5	<0.5	<1	3.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-45 20210406	MW-45	04/06/2021	<5	<0.5	<0.5	<0.5	<1	2.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-45 20210504	MW-45	05/04/2021	<5	<0.5	<0.5	<0.5	<1	1.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	MW-45 20210601	MW-45	06/01/2021	<5	<0.5	<0.5	<0.5	<1	1.1	<1	<0.5	<0.5	<0.5	0.39J	<0.5	<0.5	<2	<0.5	0.71J	<0.5	<0.5	<0.5	<1	<0.5	<0.5	1.08J	0.73J	0.35J	<50	<50	<50	<50
92547899	MW-45 20210706	MW-45	07/06/2021	<5	<0.5	<0.5	<0.5	<1	0.61	<1	<0.5	<0.5	<0.5	0.65	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-45 20210802	MW-45	08/02/2021	<5	<0.5	<0.5	<0.5	<1	0.43J	<1	<0.5	<0.5	<0.5	0.84	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92495627	MW-46 20200915	MW-46	09/15/2020	<5	1.6	2.5	<0.5	<1	26.2	<1	<0.5	0.58	<0.5	<0.5	3.1	<0.5	<2	<0.5	<2	<0.5	<0.5	17.3	<1	3.7	0.83	22.1	15.5	6.6	<100	<100	<100	114
92501345	MW-46 20201020	MW-46	10/20/2020	<5	<0.5	<0.5	<0.5	<1	17.6	<1	<0.5	<0.5	<0.5	<0.5	0.52	<0.5	<2	<0.5	<2	<0.5	<0.5	1.2	<1	1.4	<0.5	4.9	3.6	1.3	<100	<100	<100	<100
92509251	MW-46 20201202	MW-46	12/02/2020	<5	<0.5	<0.5	<0.5	<1	10.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92515216	MW-46 20210106	MW-46	01/06/2021	13.3	<0.5	<0.5	<0.5	<1	5.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92521851	MW-46 20210211	MW-46	02/11/2021	<5	0.74	<0.5	<0.5	<1	2.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.7	<1	<0.5	<0.5	2.17	1.3	0.87	<100	<100	<100	118
92531580	MW-46 20210406	MW-46	04/06/2021	<5	<0.5	<0.5	<0.5	<1	1.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92536428	MW-46 20210503	MW-46	05/03/2021	<5	<0.5	<0.5	<0.5	<1	1.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	MW-46 20210601	MW-46	06/01/2021	<5	<0.5	<0.5	<0.5	<1	1.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548169	MW-46 20210706	MW-46	07/06/2021	<5	<0.5	<0.5	<0.5	<1	0.55	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553185	MW-46 20210803	MW-46	08/03/2021	<5	<0.5	<0.5	<0.5	<1	0.64	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.																

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92497017	MW-50 20200922	MW-50	09/22/2020	6.7	205	<2	<2	<4	5.9	<4	<2	<2	<2	37.2	20.2	<2	<8	24.3	<8	<2	<2	375	<4	11	<2	131.5	77.3	54.2	1,570	284	<100	1,930
92501345	MW-50 20201020	MW-50	10/20/2020	19.2	1,370	<6.2	<6.2	<12.5	<6.2	<12.5	<6.2	<6.2	<6.2	208	144	<6.2	35.8	138	<25	<6.2	<6.2	1,980	<12.5	89.2	<6.2	947	611	336	7,750	1,990	398	10,100
92509251	MW-50 20201202	MW-50	12/02/2020	<5	3,730	<10	<10	<20	<10	<20	<10	<10	<10	482	406	10.3	<40	287	68.3	<10	<10	3,760	<20	270	<10	2,912	1,950	962	18,700	5,620	934	6,550
92515216	MW-50 20210106	MW-50	01/06/2021	18.2	4,670	<25	<25	<50	<25	<50	<25	<25	<25	587	552	<25	<100	392	111	<25	<25	6,590	<50	450	<25	3,690	2,460	1,230	25,900	8,140	1,210	35,300
92522126	MW-50 20210212	MW-50	02/12/2021	<5	996	<5	<5	<10	<5	<10	<5	<5	<5	161	37.5	<5	<20	116	54	<5	<5	467	<10	127	<5	1,080	713	367	5,030	2,420	<1000	8,160
92527474	MW-50 20210312	MW-50	03/12/2021	5.8	844	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	113	43	2.7	<10	59.6	45.8	<2.5	<2.5	647	<5	125	<2.5	1,149	750	399	7,570	2,460	339	2,120
92531580	MW-50 20210406	MW-50	04/06/2021	<5	701	<2.5	<2.5	<5	<2.5	<5	<2.5	<2.5	<2.5	114	4.0	<2.5	<10	46.9	14.1	<2.5	<2.5	290	<5	89.2	<2.5	885	563	322	6,130	2,170	263	8,303
92536428	MW-50 20210503	MW-50	05/03/2021	<5	1,250	<5	<5	<10	<5	<10	<5	<5	<5	137	57.1	<5	44.2	38.1	32	<5	<5	1,310	<10	171	<5	1,536	1,010	526	13,500	4,060	491	17,500
92541703	MW-50 20210601	MW-50	06/01/2021	<5	349	<2	<2	<4	<2	<4	<2	<2	<2	36.3	12.6	<2	<8	11.4	22	<2	<2	385	<4	103	<2	881	568	313	4,590	2,200	327	6,800
92547899	MW-50 20210706	MW-50	07/06/2021	<5	343	<2	<2	<4	<2	<4	<2	<2	<2	18.8	31.5	5.1	<8	4.6	27.5	8.0	<2	286	<4	126	32.5	1,043	662	381	5,210	2,550	421	8,180
92553185	MW-50 20210803	MW-50	08/03/2021	<5	193	<1	<1	<2	<1	<2	<1	<1	<1	11.2	18.3	2	<4	2.6	9.1	<1	<1	218	<2	43.6	<1	438	273	165	4,260	1,120	178	5,550
92496817	MW-51 20200922	MW-51	09/22/2020	<5	1.4	3.8	<0.5	<1	26.1	<1	<0.5	1.3	<0.5	<0.5	0.84	<0.5	<2	<0.5	<2	<0.5	<0.5	6.9	<1	0.78	<0.5	9.3	3.6	5.7	<100	<100	<100	<100
92499587	MW-51 20201007	MW-51	10/07/2020	<5	1.4	1.6	<0.5	<1	19.3	<1	<0.5	<0.5	<0.5	<0.5	0.71	<0.5	<2	<0.5	<2	<0.5	<0.5	4.2	<1	0.6	<0.5	4.5	2.5	2	<100	<100	<100	<100
92499587	Dup-1-20201007	MW-51	10/07/2020	<5	1.6	1.6	<0.5	<1	19.2	<1	<0.5	<0.5	<0.5	<0.5	0.72	<0.5	<2	<0.5	<2	<0.5	<0.5	4.8	<1	0.7	<0.5	4.8	2.6	2.2	<100	<100	<100	<100
92501615	MW-51 20201021	MW-51	10/21/2020	5.1	0.52	0.95	<0.5	<1	13.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501615	DUP-1-20201021	MW-51	10/21/2020	<5	0.5	0.92	<0.5	<1	13	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509251	MW-51 20201202	MW-51	12/02/2020	<5	<0.5	0.55	<0.5	<1	6.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92514892	MW-51 20210105	MW-51	01/05/2021	141	<0.5	<0.5	<0.5	<1	5.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92522126	MW-51 20210212	MW-51	02/12/2021	<5	<0.5	<0.5	<0.5	<1	2.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527474	MW-51 20210312	MW-51	03/12/2021	<5	<0.5	<0.5	<0.5	<1	2.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531580	MW-51 20210406	MW-51	04/06/2021	<5	<0.5	<0.5	<0.5	<1	1.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92536726	MW-51 20210504	MW-51	05/04/2021	<5	<0.5	<0.5	<0.5	<1	1.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92541703	MW-51 20210601	MW-51	06/01/2021	<5	<0.5	<0.5	<0.5	<1	1.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92547899	MW-51 20210706	MW-51	07/06/2021	<5	<0.5	<0.5	<0.5	<1	0.90	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	MW-51 20210802	MW-51	08/02/2021	<5	<0.5	<0.5	<0.5	<1	0.54	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553065	DUP-2-20210802	MW-51	08/02/2021	<5	<0.5	<0.5	<0.5	<1	0.51	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92497774	MW-52 20200928	MW-52	09/28/2020	20.3	8.9	0.76	<0.5	<1	6.3	<1	<0.5	<0.5	<0.5	5.7	1	<0.5	<2	1.6	<2	<0.5	<0.5	19.9	<1	<0.5	<0.5	4.3	2.7	1.6	<100	<100	<100	171
92501960	MW-52 20201023	MW-52	10/23/2020	<5	31	<0.5	<0.5	<1	1.8	<1	<0.5	<0.5	<0.5	26.7	3.5	<0.5	<2	7.3	<2	<0.5	<0.5	80.2	<1	0.59	<0.5	13.2	7.2	6	281	<100	<100	341
92508881	MW-52 20201201	MW-52	12/01/2020	16.4	40.5	<0.5	<0.5	<1	0.53	<1	<0.5	<0.5	<0.5	33.3	4.6	<0.5	<2	8.8	<2	<0.5	<0.5	69.6	<1	1.2	<0.5	22.6	12.7	9.9	296	<100	<100	365
92514898	MW-52 20210105	MW-52	01/05/2021	14.1	142	<1	<1	<2	<1	<2	<1	<1	<1	50.3	12.8	<1	<4	13.2	<4	<1	<1	233	<2	7.1	<1	79.8	50.2	29.6	899	204	<100	1,150
92521871	MW-52 20210211	MW-52	02/11/2021	<5	33.2	<0.5	<0.5	<1	0.59	<1	<0.5	<0.5	<0.5	29.8	<0.5	<0.5	<2	7.7	<2	<0.5	<0.5	2.9	<1	1.7	<0.5	17.2	8.3	8.9	227	<100	<100	293
92527327	MW-52 20210311	MW-52	03/11/2021	<5	192	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	55.8	1.9	0.55	<2	13.7	<2	<0.5	<0.5	36.8	<1	11.1	<0.5	108.8	64.8	44	1,240	222	<50	200
92530256	MW-52 20210407	MW-52	04/07/2021	<5	17.3	<0.5	<0.5	<1	2.7	<1	<0.5	<0.5	<0.5	20	<0.5	<0.5	<2	4.4	<2	<0.5	<0.5	3.5	<1	<0.5	<0.5	2.9	1.3	1.6	948	<50	<50	948
92537784	MW-52 20210507	MW-52	05/07/2021	<5	144	<0.5	<0.5	<1	1.2	<1	<0.5	<0.5	<0.5	26.7	<0.5	0.43J	<2	3.5	0.88J	<0.5	<0.5	23.1	<1	3.1	<0.5	52.6	20.4	32.2	1,090	133	<50	1,230
92542375	MW-52 20210603	MW-52	06/03/2021	<5	68.4	<0.5	<0.5	<1	2.4	<1	<0.5	<0.5	<0.5	14.2	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	7.6	<1	1.6	<0.5	20.3	6.4	13.9	503	<50	<50	553
92548787	MW-52 20210709	MW-52	07/09/2021	<5	197	<0.5	<0.5	<1	0.92	<1	<0.5	<0.5	<0.5	35.7	0.42J	0.57	<2	5.3	2.5	0.37J	<0.5	8.0	<1	3.1	1.3	29.8	9.6	20.2	1,220	71.6	<50	1,310
92554137	MW-52 20210805	MW-52	08/05/2021	<5	476	<2	<2	<4	1.8J	<4	<2	<2	<2	72.2	3.2J	<2	<8	10.4	6.8J	<2	<2	63.4	<4	7.9	<2	117.9	41.1	76.8	4,110	341	64.8	4,520
92499057	MW-53 20201006	MW-53	10/06/2020	37.6	<0.5	2	<0.5	<1	22.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.72	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92501860	MW-53 20201022	MW-53	10/22/2020	<5	<0.5	<0.5	<0.5	<1	6.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	MW-53 20201203	MW-53	12/03/2020	23.6	<0.5	<0.5	<0.5	<1	2.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92509560	Dup-1-20201203	MW-53	12/03/2020	32.9	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92515544	MW-53 20210107	MW-53	01/07/2021	123	<0.5	<0.5	<0.5	<1	0.97	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-53 20210210	MW-53	02/10/2021	<5	<0.5	<0.5	<0.5	<1	0.61	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92526977	MW-53 20210310	MW-53	03/10/2021	<5	<0.5	<0.5	<0.5	<1	0.60	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	1,330	440	<100	1,860
92532417	MW-53 20210408	MW-53	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	MW-53 20210506	MW-53	05/06/2021	<5	<0.5	<0.5	<0.5	<1	0.42J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537489	DUP-1-20210506	MW-53	05/06/2021	<5	<0.5	<0.5	<0.5	<1	0.43J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-53 20210604	MW-53	06/04/2021	<5	10.7	<0.5	<0.5	<1	0.44J	<1	<0.5	<0.5	<0.5	<0.5	0.66	<0.5	<2	<0.5	<2	<0.5	<0.5	50.2	<1	1.4	<0.5	35.8	22.1	13.7	330	100	<50	430
92548527	MW-53 20210708	MW-53	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50			

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92499057	MW-56 20201006	MW-56	10/06/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.1	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501860	MW-56 20201022	MW-56	10/22/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509560	MW-56 20201203	MW-56	12/03/2020	8.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515544	MW-56 20210107	MW-56	01/07/2021	8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-56 20210208	MW-56	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	MW-56 20210309	MW-56	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92530256	MW-56 20210407	MW-56	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537159	MW-56 20210505	MW-56	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537159	DUP-1-20210505	MW-56	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541993	MW-56 20210602	MW-56	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-56 20210709	MW-56	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	DUP-1-20210709	MW-56	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553563	MW-56 20210804	MW-56	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92499057	MW-57 20201006	MW-57	10/06/2020	<5	<0.5	<0.5	<0.5	<1	2.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501860	MW-57 20201022	MW-57	10/22/2020	<5	<0.5	<0.5	<0.5	<1	3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92509560	MW-57 20201203	MW-57	12/03/2020	31.8	<0.5	<0.5	<0.5	<1	0.65	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515544	MW-57 20210107	MW-57	01/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92520901	MW-57 20210208	MW-57	02/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	MW-57 20210309	MW-57	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92530256	MW-57 20210407	MW-57	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537159	MW-57 20210505	MW-57	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541993	MW-57 20210602	MW-57	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548527	MW-57 20210708	MW-57	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553563	MW-57 20210804	MW-57	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	&					

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92500608	MW-59 20201007	MW-59	10/07/2020	<5	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	MW-59 20201021	MW-59	10/21/2020	<5	<0.5	<0.5	<0.5	<1	2.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508881	MW-59 20201201	MW-59	12/01/2020	31.6	<0.5	<0.5	<0.5	<1	1.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514898	MW-59 20210105	MW-59	01/05/2021	37.3	<0.5	<0.5	<0.5	<1	1.1	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521237	MW-59 20210209	MW-59	02/09/2021	<5	<0.5	<0.5	<0.5	<1	0.68	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527327	MW-59 20210311	MW-59	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.52	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-59 20210408	MW-59	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-59 20210507	MW-59	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542611	MW-59 20210604	MW-59	06/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542611	DUP-1-20210604	MW-59	06/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-59 20210709	MW-59	07/09/2021	<5	<0.5	<0.5	<0.5	<1	0.57	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.0	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-59 20210805	MW-59	08/05/2021	<5	<0.5	<0.5	<0.5	<1	0.39J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92500607	MW-60 20201007	MW-60	10/07/2020	18	<0.5	4.1	<0.5	<1	15.2	<1	<0.5	1.3	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501345	MW-60 20201020	MW-60	10/20/2020	20.4	<0.5	0.88	<0.5	<1	3.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508886	MW-60 20201201	MW-60	12/02/2020	16.4	<0.5	<0.5	<0.5	<1	1.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514892	MW-60 20210105	MW-60	01/05/2021	52.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522126	MW-60 20210212	MW-60	02/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527336	MW-60 20210311	MW-60	03/11/2021	15.0	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	4.4	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531580	MW-60 20210406	MW-60	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537158	MW-60 20210505	MW-60	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50	
92542350	MW-60 20210603	MW-60	06/03/2021	<5	<0.5	<0.5	<0.5	<1	0.47J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547899	MW-60 20210706	MW-60	07/06/2021	<5	<0.5	<0.5	<0.5	<1	0.68	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553185	MW-60 20210803	MW-60	08/03/2021	<5	<0.5	<0.5	<0.5	<1	0.58	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92509560	MW-61 20201203	MW-61	12/03/2020	30.9	3.3	5.5	<0.5	<1	31.0	<1	<0.5	1.3	<0.5	<0.5	0.54	<0.5	<2	<0.5	<2	<0.5	<0.5	7.9	<1	<0.5	<0.5	2.27	1.4	0.87	<100	<100	<100	<100
92509555	MW-62 20201203	MW-62	12/03/2020	<25	0.67	4.8	<0.5	<1	22.2	<1	<0.5	1.2	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.4	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92514892	MW-62 20210105	MW-62	01/05/2021	74.5	<0.5	3.7	<																									

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92509560	MW-63 20201203	MW-63	12/03/2020	6.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515544	MW-63 20210107	MW-63	01/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92521237	MW-63 20210209	MW-63	02/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-63 20210310	MW-63	03/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92532417	MW-63 20210408	MW-63	04/08/2021	7.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537489	MW-63 20210506	MW-63	05/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-63 20210603	MW-63	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548168	MW-63 20210707	MW-63	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-63 20210805	MW-63	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92515354	MW-64 20210107	MW-64	01/07/2021	101	<0.5	<0.5	<0.5	<1	1.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92515354	Dup-1-20210107	MW-64	01/07/2021	94.8	<0.5	<0.5	<0.5	<1	1.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522267	MW-64 20210215	MW-64	02/15/2021	14.5	<0.5	<0.5	<0.5	<1	0.77	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526262	MW-64 20210308	MW-64	03/08/2021	12.8	<0.5	<0.5	<0.5	<1	1.2	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531238	MW-64 20210405	MW-64	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536430	MW-64 20210503	MW-64	05/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541706	MW-64 20210601	MW-64	06/01/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547898	MW-64 20210706	MW-64	07/06/2021	5.8	<0.5	<0.5	<0.5	<1	1.3	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92552963	MW-64 20210802	MW-64	08/02/2021	<5	<0.5	<0.5	<0.5	<1	0.51	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92515354	MW-65 20210107	MW-65	01/07/2021	264	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522267	MW-65 20210215	MW-65	02/15/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526262	MW-65 20210308	MW-65	03/08/2021	7.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531238	MW-65 20210405	MW-65	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536430	MW-65 20210503	MW-65	05/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541706	MW-65 20210601	MW-65	06/01/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547898	MW-65 20210706	MW-65	07/06																													

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																					MADEP VPH (µg/L)						
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92515387	MW- 67 20210107	MW-67	01/07/2021	23.2	<0.5	<0.5	<0.5	<1	1.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	106	<1	<0.5	<0.5	<1.5	<1	<0.5	116	<100	<100	116
92522125	MW-67 20210212	MW-67	02/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	8.2	<1	<0.5	<0.5	1.99	1.4	0.59	<100	<100	<100	<100
92526617	MW-67 20210309	MW-67	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	4.8	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92526617	DUP-1-20210309	MW-67	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	4.1	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92531227	MW-67 20210405	MW-67	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	3.1	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92536429	MW-67 20210503	MW-67	05/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.75	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92541705	MW-67 20210601	MW-67	06/01/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	2.4	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92547901	MW-67 20210706	MW-67	07/06/2021	5.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	MW-67 20210802	MW-67	08/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	DUP-1 20210802	MW-67	08/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92515387	MW- 68 20210107	MW-68	01/07/2021	99.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92522266	MW-68 20210215	MW-68	02/15/2021	15.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92526617	MW-68 20210309	MW-68	03/09/2021	5.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92531227	MW-68 20210405	MW-68	04/05/2021	6.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92536738	MW-68 20210504	MW-68	05/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92541705	MW-68 20210601	MW-68	06/01/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92547901	MW-68 20210706	MW-68	07/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92552929	MW-68 20210802	MW-68	08/02/2021	5.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92515214	MW-69 20210106	MW-69	01/06/2021	123	<0.5	0.55	<0.5	<1	4.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92521555	MW-69 20210210	MW-69	02/10/2021	40.3	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92527327	MW-69 20210311	MW-69	03/11/2021	<5	<0.5	0.99	<0.5	<1	5.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92532417	MW-69 20210408	MW-69	04/08/2021	9.1	<0.5	1.1	<0.5	<1	5.5	<1	<0.5	<0.5	<0.5	0.64	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-69 20210507	MW-69	05/07/2021	<5	<0.5	3.4	<0.5	<1	18.7	<1	<0.5	0.77	<0.5	1.0	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92542611	MW-69 20210604	MW-69	06/04/2021	<5	<0.5	3.9	<0.5	<1	20.2	<1	<0.5	0.88	<0.5	0.41J	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-69 20210708	MW-69	07/08/2021	<5	<0.5	2.7	<0.5	<1	14.7	<1	<0.5	0.66	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553563	MW-69 20210804	MW-69	08/04/2021	<5	<0.5	2.9	<0.5	<1	15.4	<1	<0.5	0.72	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92515354	MW-70 20210107	MW-70	01/07/2021	155	<0.5	<0.5	<0.5	<1	1.4	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92522267	MW-70 20210215	MW-70	02/15/2021	24.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526262	MW-70 20210308	MW-70	03/08/2021	9.8	<0.5	<0.5	<0.5	<1	1.9	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531238	MW-70 20210405	MW-70	04/05/2021	<5	<0.5	<0.5	<0.5	<1	1.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536731	MW-70 20210504	MW-70	05/04/2021	<5	<0.5	0.4J	<0.5	<1	1.7	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541706	MW-70 20210601	MW-70	06/01/2021	<5	<0.5	<0.5	<0.5	<1	0.85	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547898	MW-70 20210706	MW-70	07/06/2021	<5	<0.5	<0.5	<0.5	0.46J	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92552963	MW-70 20210802	MW-70	08/02/2021	9.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92521555	MW-71 20210210	MW-71	02/10/2021	22.6	<0.5	1.3	<0.5	<1	10.6	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.66	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527327	MW-71 20210311	MW-71	03/11/2021	<5	<0.5	2.1	<0.5	<1	11.6	<1	<0.5	0.54	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92532417	MW-71 20210408	MW-71	04/08/2021	94.2	<0.5	<0.5	<0.5	<1	2.8	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-71 20210507	MW-71	05/07/2021	64.1	16.7	0.73	<0.5	<1	4.4	<1	<0.5	<0.5	<0.5	3.5	3.3	<0.5	<2	<0.5	<2	<0.5	<0.5	54.2	<1	1.1	<0.5	18.7	11.4	7.3	329	57.7	<50	387
92542611	MW-71 20210604	MW-71	06/04/2021	<5	133	<2	<2	<4	5.2	<4	<2	<2	<2	17.6	24.9	<2	<8	<2	3.6J	<2	<2	408	<4	5.7	<2	116.3	65.9	50.4	3,030	411	<50	3,450
92548527	MW-71 20210708	MW-71	07/08/2021	12.2	248	<2	<2	<4	3.7	<4	<2	<2	<2	30.1	22.4	<2	<8	<2	5.9J	<2	<2	480	<4	20.6	6.3	291	173	118	3,760	668	<100	4,510
92554137	MW-71 20210805	MW-71	08/05/2021	15.8	153	<2	<2	<4	3.4	<4	<2	<2	<2	36.8	22.6	<2	<8	<2	10.5J	<2	<2	746	<4	35.1	<2	464	270	194	4,980	945	132	6,060
92521237	MW-72 20210209	MW-72	02/09/2021	8.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-72 20210310	MW-72	03/10/2021	9.0	4.2	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	3.7	<0.5	<2	<0.5	<2	<0.5	<0.5	27.9	<1	1.9	<0.5	20.1	14.2	5.9	110	<100	<100	166
92530256	MW-72 20210407	MW-72	04/07/2021	<5	54.8	<0.5	<0.5	<1	0.53	<1	<0.5	<0.5	<0.5	5.9	5.0	<0.5	<2	<0.5	<2	<0.5	<0.5	111	<1	4.1	<0.5	46.0	30.9	15.1	1,070	138	<50	1,197
92521851	MW-73 20210211	MW-73	02/11/2021	14.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	17.7	<1	<0.5	<0.5	<1.5	<1	<0.5	192	<100	<100	262	
92527336	MW-73 20210311	MW-73	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531231	MW-73 20210405	MW-73	04/05/2021	8.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.6	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536726	MW-73 20210504	MW-73	05/04/2021	14.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.7	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541991	MW-73 20210602	MW-73	06/02/2021	24.2	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548518	MW-73 20210708	MW-73	07/08/2021	<5	<0.5	<0.5																										

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m &p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92522265	MW-76 20210215	MW-76	02/15/2021	10.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92527474	MW-76 20210312	MW-76	03/12/2021	8.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92527474	DUP-1-20210312	MW-76	03/12/2021	15.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531580	MW-76 20210406	MW-76	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536726	MW-76 20210504	MW-76	05/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536726	DUP-1-20210504	MW-76	05/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541991	MW-76 20210602	MW-76	06/02/2021	4.9J	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.96	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547899	MW-76 20210706	MW-76	07/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547899	DUP-2-20210706	MW-76	07/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553185	MW-76 20210803	MW-76	08/03/2021	16.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553185	DUP-2-20210803	MW-76	08/03/2021	16.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92526257	MW-77 20210308	MW-77	03/08/2021	5.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526257	DUP-1-20210308	MW-77	03/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531585	MW-77 20210406	MW-77	04/06/2021	5.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537153	MW-77 20210505	MW-77	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542352	MW-77 20210603	MW-77	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548170	MW-77 20210707	MW-77	07/07/2021	4.8J	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.53	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553189	MW-77 20210803	MW-77	08/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92526257	MW-78 20210308	MW-78	03/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92531585	MW-78 20210406	MW-78	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92531585	Dup-1-20210406	MW-78	04/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537153	MW-78 20210505	MW-78	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542352	MW-78 20210603	MW-78	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548170	MW-78 20210707	MW-78	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553189	MW-78 20210803	MW-78	08/03/202/																													

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																						MADEP VPH (µg/L)					
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m & p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92527326	MW-81 20210311	MW-81	03/11/2021	<5	3.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	2.9	2.9	<0.5	<2	<0.5	<2	<0.5	<0.5	12.5	<1	12.3	<0.5	42.3	22	20.3	1,640	263	93.5	170
92531225	MW-81 20210405	MW-81	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	60.8	<50	<50	60.8
92537153	MW-81 20210505	MW-81	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92541992	MW-81 20210602	MW-81	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-81 20210707	MW-81	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-81 20210803	MW-81	08/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-82 20210311	MW-82	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531225	MW-82 20210405	MW-82	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-82 20210505	MW-82	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50
92541992	MW-82 20210602	MW-82	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-82 20210707	MW-82	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-82 20210803	MW-82	08/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-83 20210311	MW-83	03/11/2021	67.3	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531853	MW-83 20210407	MW-83	04/07/2021	35.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-83 20210505	MW-83	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50
92541699	MW-83 20210601	MW-83	06/01/2021	9.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-83 20210707	MW-83	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-83 20210804	MW-83	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92527326	MW-84 20210311	MW-84	03/11/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92531853	MW-84 20210407	MW-84	04/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537153	MW-84 20210505	MW-84	05/05/2021	45.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	269	<50	<50	271
92541699	MW-84 20210601	MW-84	06/01/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-84 20210707	MW-84	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<																	

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m & p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92537784	MW-89 20210507	MW-89	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542611	MW-89 20210604	MW-89	06/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542611	MW-89 20210604	MW-89	06/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-89 20210709	MW-89	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553563	MW-89 20210804	MW-89	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92543881	MW-92 20210611	MW-92	06/11/2021	<5	<0.5	0.39J	<0.5	<1	2.7	<1	<0.5	<0.5	<0.5	0.5J	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-92 20210708	MW-92	07/08/2021	14.7	<0.5	<0.5	<0.5	<1	0.63	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-92 20210805	MW-92	08/05/2021	9.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92543881	MW-93 20210611	MW-93	06/11/2021	19.8	<0.5	<0.5	<0.5	<1	0.47J	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548527	MW-93 20210708	MW-93	07/08/2021	10	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-93 20210805	MW-93	08/05/2021	9.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
Bedrock Unit Monitoring Wells																																
92515762	MW-7D (120-127)'	MW-07D	01/10/2021	18.8	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	66.9	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	132	<100	<100	132	
92515762	DUP-6	MW-07D	01/10/2021	7	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	60.2	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	127	<100	<100	127	
92515762	MW-7D (84-91)'	MW-07D	01/11/2021	15.5	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	146	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	285	<100	<100	285	
92521237	MW-7D 20210209	MW-07D	02/09/2021	<5	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<4	<1	<4	<1	<1	184	<2	<1	<1	<3	<2	<1	360	<100	<100	360	
92526618	MW-07D 20210309	MW-07D	03/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.66	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92532417	MW-07D 20210408	MW-07D	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-07D 20210507	MW-07D	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-07D 20210603	MW-07D	06/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-07D 20210709	MW-07D	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-07D 20210805	MW-07D	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	DUP-1-20210805	MW-07D	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92526264	MW-14D 20210308	MW-14D	03/08/2021	59.2	<0.5	<0.5	<0.5	<1	1.2	<1	<0.5	<0.5	<0.5	0.51	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92531231	MW-14D 20210405	MW-14D	04/05/2021	143	<0.5	<0.5	<0.5	<1	0.97	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92536726	MW-14D 20210504	MW-14D	05/04/2021	13.5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92541703	MW-14D 20210601	MW-14D	06/01/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92547899	MW-14D 20210706	MW-14D	07/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553065	MW-14D 20210802	MW-14D	08/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92548519	MW-16D 20210708	MW-16D	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553519	MW-16D 20210804	MW-16D	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.1	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92515755	MW-25D (125-139)	MW-25D	01/09/2021	5.1	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515755	DUP-1-20210109	MW-25D	01/09/2021	<5.0	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	MW-25D (83-90)	MW-25D	01/11/2021	8.1	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	0.88	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	131	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	118	<100	<100	118
92515869	MW-25D (108-115)	MW-25D	01/11/2021	7.9	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	0.91	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	34.1	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	MW-25D (115-122)	MW-25D	01/11/2021	<5.0	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	0.97	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	3.8	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100
92515869	DUP-7	MW-25D	01/11/2021	<5.0	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	0.98	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	4	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100
92521871	MW-25D 20210211	MW-25D	02/11/2021	<5	1.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.69	1.5	<0.5	<2	<0.5	<2	<0.5	<0.5	19.9	<1	1.6	<0.5	8.1	5.4	2.7	<100	<100	<100	115
92526977	MW-25D 20210310	MW-25D	03/10/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92532417	MW-25D 20210408	MW-25D	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	0.57	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92537784	MW-25D 20210507	MW-25D	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<2	0.44J	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92542375	MW-25D 20210603	MW-25D	06/03/2021	<5	0.46J	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	7.3	<0.5	<0.5	<2	3.4	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548527	MW-25D 20210708	MW-25D	07/08/2021	7.9	12.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	11.6	0.88	<0.5	<2	6.4	<2	<0.5	<0.5	0.64	<1	<0.5	<0.5	5.0	2.1	2.9	109	<50	<50	127
92551300	MW-25D 20210722	MW-25D	07/22/2021	NA	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
92554285	MW-25D 20210806	MW-25D	08/06/2021	<5	4.8	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	15.5	<0.5	<0.5	<2	8	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	1.1	<1	1.1	82.3	<50	<50	87.3
92541992	MW-31D 20210602	MW-31D	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92548170	MW-31D 20210707	MW-31D	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92553189	MW-31D 20210803	MW-31D	08/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50
92514955	MW-36D (96.5-103.5)	MW-36D	01/05/2021	40.5	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	169	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	280	<100	<100	318
92514955	DUP-2	MW-36D	01/05/2021	47.3	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	164	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	281	<100	<100	318
92521237	MW-36D 20210209	MW-36D	02/09/2021	72.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	1.1	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100
92526618	MW-36D 20210309	MW-36D	03/09/2021	76.9	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m & p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92537489	MW-36DR 20210506	MW-36DR	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542611	MW-36DR 20210604	MW-36DR	06/04/2021	5.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-36DR 20210709	MW-36DR	07/09/2021	7.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554285	MW-36DR 20210806	MW-36DR	08/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92516451	MW-57D (91-101)	MW-57D	01/12/2021	124	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	8	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92521237	MW-57D 20210209	MW-57D	02/09/2021	22.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526618	MW-57D 20210309	MW-57D	03/09/2021	8.0	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92530256	MW-57D 20210407	MW-57D	04/07/2021	31.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-57D 20210507	MW-57D	05/07/2021	19.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542375	MW-57D 20210603	MW-57D	06/03/2021	6.1	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548527	MW-57D 20210708	MW-57D	07/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	MW-57D 20210805	MW-57D	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92515213	MW-59D (150-160)	MW-59D	01/06/2021	6.9	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	34.3	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92515213	DUP-3	MW-59D	01/06/2021	9.9	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	35	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92522123	MW-59D 20210212	MW-59D	02/12/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	23.3	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92526977	MW-59D 20210310	MW-59D	03/10/2021	5.7	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	13.1	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92532417	MW-59D 20210408	MW-59D	04/08/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92537784	MW-59D 20210507	MW-59D	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92542611	MW-59D 20210604	MW-59D	06/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.83	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92548787	MW-59D 20210709	MW-59D	07/09/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.55	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92514602	MW-61D(96.5-103.5)	MW-61D	01/04/2021	8.3	<0.50	2.8	<0.50	<1.0	11.3	<1.0	<0.50	0.65	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	2	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92514602	DUP-1	MW-61D	01/04/2021	12	<0.50	3	<0.50	1.1	11.4	<1.0	<0.50	0.55	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	1.5	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100	
92521555	MW-61D 20210210	MW-61D	02/10/2021	<5	<0.5	3.3	<0.5	<1	12.9	<1	<0.5	0.89	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<				

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)								
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)	
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92515642	MW-65D (115-150)	MW-65D	01/07/2021	12.2	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100		
92515543	DUP-1-20210107	MW-65D	01/07/2021	20.8	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	<100		
92522267	MW-65D 20210215	MW-65D	02/15/2021	9.6	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1.0	<0.50	<100	<100	<100	<100		
92522267	DUP-1-20210215	MW-65D	02/15/2021	14.4	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.53	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92526262	MW-65D 20210308	MW-65D	03/08/2021	12	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100		
92531238	MW-65D-20210405	MW-65D	04/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	0.53	<0.5	3.8	2.6	1.2	<50	<50	<50	<50		
92536430	MW-65D 20210503	MW-65D	05/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	1.61	1.2	0.41J	<50	<50	<50	<50		
92537720	MW-65D 20210507	MW-65D	05/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50		
92541706	MW-65D 20210601	MW-65D	06/01/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92547898	MW-65D 20210706	MW-65D	07/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92552963	MW-65D 20210802	MW-65D	08/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92527326	MW-79D 20210311	MW-79D	03/11/2021	10.8	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	7.2	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92531585	MW-79D 20210406	MW-79D	04/06/2021	<5	<0.5	<0.5	<0.5	<1	0.61	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	12	<1	<0.5	<0.5	<1.5	<1	<0.5	53.9	<50	<50	53.9		
92537153	MW-79D 20210505	MW-79D	05/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	4.1	0.33J	<0.5	<0.5	<1	<1	<0.5	<50	<50	<50	<50		
92541992	MW-79D 20210602	MW-79D	06/02/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	2.3	0.36J	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92548170	MW-79D 20210707	MW-79D	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	6.1	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92553519	MW-79D 20210804	MW-79D	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	6	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	61		
92548170	MW-81D 20210707	MW--81D	07/07/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92553189	MW-81D 20210803	MW-81D	08/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50		
92516451	Walker (101-108)	MW-14015 AC RD	01/13/2021	81.4	<2.0	7.5	<2.0	<4.0	403	4.9	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0	<2.0	<8.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<6.0	<4.0	<2.0	220	<100	<100	350		
92516451	Walker (48-55)	MW-14015 AC RD	01/13/2021	5.8	<0.50	3.8	5.4	<1.0	81.3	1.1	1.2	0.62	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	131	
92516451	Dup-9	MW-14015 AC RD	01/13/2021	6.2	<0.50	3.9	6.6	<1.0	78.7	<1.0	1.3	0.62	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	<100	<100	<100	115	
QC Data																																	
92493062	TB-2	N/A	08/28/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA		
92493708	Trip Blank	N/A	09/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA		
92493864	Trip Blank	N/A	09																														

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)								
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)	
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92495906	Trip Blank-07	N/A	09/16/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92496816	TB-20200922	N/A	09/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92496817	TB-20200922	N/A	09/22/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92497017	TB-20200923	N/A	09/22/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92497774	TB-20200928	N/A	09/28/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92499587	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92500605	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92500606	Trip Blank	N/A	10/07/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92501343	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92501344	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92501345	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92501355	Trip Blank	N/A	10/20/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92501615	Trip Blank	N/A	10/21/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92501616	TRIP BLANK	N/A	10/21/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92501960	TRIP BLANK	N/A	10/23/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92508536	Trip Blank	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92508536	Trip Blank 2	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92508884	Trip Blank	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92509250	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92509252	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92509253	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92509255	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92509251	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92508881	Trip Blank	N/A	12/01/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92509555	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92509560	Trip Blank	N/A	12/03/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92508886	Trip Blank	N/A	12/02/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92514892	Trip Blank	N/A	01/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92515214	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92515216	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92514602	Trip Blank	N/A	01/04/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA	
92514955	Trip Blank	N/A	01/05/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA	
92515213	TB	N/A	01/06/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA	
92515075	Trip Blank	N/A	01/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92515543	TRIP BLANK	N/A	01/07/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	NA	NA	NA	NA	
92515354	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92515387	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92515544	Trip Blank	N/A	01/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<																						

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)		VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)	
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE	
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92516451	Trip Blank	N/A	01/12/2021	NA	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<1.5	<1.0	<0.50	--	NA	NA	NA	NA
92520901	Trip Blank	N/A	02/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92521237	Trip Blank	N/A	02/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92521871	TRIP BLANK	N/A	02/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92522125	Trip Blank	N/A	02/12/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92521555	Trip Blank	N/A	02/10/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92522267	Trip Blank	N/A	02/15/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526616	Trip Blank	N/A	03/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526262	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526264	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526257	Trip Blank	N/A	03/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526618	TRIP BLANK	N/A	03/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526989	Trip Blank	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92526977	Trip Blank	N/A	03/10/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527327	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527336	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527326	Trip Blank	N/A	03/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527474	Trip Blank	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92527475	Trip Blank	N/A	03/12/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531225	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531227	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531238	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531231	Trip Blank	N/A	04/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531580	Trip Blank	N/A	04/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531585	Trip Blank	N/A	04/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531581	Trip Blank	N/A	04/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92531853	Trip Blank	N/A	04/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92532417	Trip Blank	N/A	04/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92536428	Trip Blank	N/A	05/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92536430	Trip Blank	N/A	05/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92536429	Trip Blank	N/A	05/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92536726	Trip Blank	N/A	05/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92537489	Trip Blank	N/A	05/15/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92537784	Trip Blank	N/A	05/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92537784	Trip Blank	N/A	05/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92541699	Trip Blank	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92541703	TB	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92541706	TRIP BLANK	N/A	06/01/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<										

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																				MADEP VPH (µg/L)							
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92542611	Trip Blank-1	N/A	06/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92542611	Trip Blank-2	N/A	06/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92541991	Trip Blank	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92541992	Trip Blank	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92541993	Trip Blank	N/A	06/02/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92542350	Trip Blank	N/A	06/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92542352	Trip Blank	N/A	06/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92543881	Trip Blank	N/A	06/11/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92544305	Trip Blank	N/A	06/15/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92547898	Trip Blank	N/A	07/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92547901	Trip Blank	N/A	07/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92548170	Trip Blank	N/A	07/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92548168	Trip Blank	N/A	07/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92548169	Trip Blank	NA	07/07/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92548527	Trip Blank	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92548518	Trip Blank	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92548519	Trip Blank	N/A	07/08/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92548787	TRIP BLANK	N/A	07/09/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92551297	TRIP BLANK	N/A	07/22/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92551300	TRIP BLANK	N/A	07/22/2021	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
92553065	TRIP BLANK	N/A	08/02/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92552929	TRIP BLANK	N/A	08/02/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92553185	TRIP BLANK	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92553189	TRIP BLANK	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92553563	TRIP BLANK	NA	08/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92553519	TRIP BLANK	NA	08/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92554137	Trip Blank	NA	08/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92554285	TB-2	NA	08/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92554285	Trip Blank	NA	08/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	NA	NA	NA	NA	
92499587	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92499587	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92500605	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92500605	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92500606	EB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92500606	FB-1-20201007	N/A	10/07/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501616	FB-01-20201021	N/A	10/21/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501860	FB-2-20201022	N/A	10/22/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92501960	FB-3-20201023	N/A	10/23/2020	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<100	<100	<100	<100	
92508536	FB-01-20201130	N/A	11/30/2020	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<																		

Table 5A
Summary of Monitoring Well Sampling Results

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

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

Table 5A
Summary of Monitoring Well Sampling Results

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

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

Table 5A
Summary of Monitoring Well Sampling Results

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

Lab Report Number	Sample ID	Well ID	Sample Date	Metals (µg/L)	VOCs (µg/L)																						MADEP VPH (µg/L)					
				Lead	Benzene	Bromodichloromethane	n-Butylbenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	Dibromochloromethane	1,2-Dichloroethane	Diisopropyl ether	Ethylbenzene	Isopropylbenzene (Cumene)	Methylene Chloride	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p-Xylene	o-Xylene	C5 - C8 Aliphatics	C9 - C12 Aliphatics	C9 - C10 Aromatics	VPH (Total)
NCAC 2L Standards				15	1	0.6	70	3000	70	3	100	0.4	0.4	70	600	70	5	20	6	70	0.7	600	2000	400	400	500	500	500	400	700	200	NE
IMAC Standards				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
92553185	EB-1-20210803	N/A	08/03/2021	<5	0.69	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	0.35J	<0.5	2	<0.5	<2	<0.5	<0.5	2.6	<1	<0.5	<0.5	2.48	1.6	0.88	<50	<50	<50	<50
92553185	FB-1-20210803	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.6	<1	<0.5	<50	<50	<50	<50	
92553189	EB-2-20210803	N/A	08/03/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553189	FB-2-20210803	N/A	08/03/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553563	EB-2-20210804	N/A	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553563	FB-2-20210804	N/A	08/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553519	EB-1-20210804	N/A	08/04/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92553519	FB-1-20210804	N/A	08/04/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	EB-1-20210805	NA	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	EB-2-20210805	NA	08/05/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	0.65	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	FB-1-20210805	NA	08/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554137	FB-2-20210805	NA	08/05/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554285	EB-1-20210806	NA	08/06/2021	<5	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	
92554285	FB-1-20210806	NA	08/06/2021	NA	<0.5	<0.5	<0.5	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<2	<0.5	<2	<0.5	<0.5	<0.5	<1	<0.5	<0.5	<1.5	<1	<0.5	<50	<50	<50	<50	

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

Table 5B
Summary of Monitoring Well Oxygenate Sampling Results

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

Lab Report Number	Sample ID	Well ID / WSW Address	Sample Date	Alcohol-Glycol (mg/L)	VOCs (µg/L)				
				n-Butanol	Ethanol	Ethyl-tert-butyl ether	tert-Amyl Alcohol	tert-Amylmethyl ether	tert-Butyl Alcohol
IMAC Standards				0.7	4,000	47	NE	128	10
NCAC 2L Standards				NE	--	--	--	--	--
Surficial Unit Monitoring Wells									
92554137	MW-01_ 20210805	MW-01	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-02_ 20210806	MW-02	08/06/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-03_ 20210805	MW-03	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-04_ 20210806	MW-04	08/06/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-05_ 20210806	MW-05	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-06_ 20210804	MW-06	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-07_ 20210805	MW-07	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-08_ 20210803	MW-08	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-09_ 20210804	MW-09	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-12_ 20210806	MW-12	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-13_ 20210803	MW-13	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-14_ 20210803	MW-14	08/03/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-15_ 20210806	MW-15	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553519	MW-16_ 20210804	MW-16	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553519	MW-17_ 20210804	MW-17	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-19_ 20210803	MW-19	08/03/2021	<5	<8000	<400	<4000	<400	<2000
92553563	MW-20_ 20210804	MW-20	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-21_ 20210803	MW-21	08/03/2021	<5	<200	<10	<100	3.6J	<50
92553189	MW-23_ 20210803	MW-23	08/03/2021	<5	<200	<10	<100	<10	<50
92553563	MW-25_ 20210804	MW-25	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-27_ 20210805	MW-27	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553519	MW-28_ 20210804	MW-28	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553519	DUP-1-20210804	MW-28	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-29_ 20210805	MW-29	08/05/2021	<2.0	<8000	<400	<4000	<400	<2000
92553563	MW-30_ 20210804	MW-30	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-31_ 20210803	MW-31	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	DUP-1-20210803	MW-31	08/03/2021	<5	<200	<10	<100	<10	<50
92554137	MW-32_ 20210805	MW-32	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-33_ 20210805	MW-33	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-34_ 20210804	MW-34	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-35_ 20210805	MW-35	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554285	MW-36_ 20210806	MW-36	08/06/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-38_ 20210804	MW-38	08/04/2021	<0.2	<2000	<100	<1000	50.4J	<500
92553563	MW-41_ 20210804	MW-41	08/04/2021	<0.2	<200	<10	<100	<10	<50
92552929	MW-42_ 20210802	MW-42	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-43_ 20210805	MW-43	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-44_ 20210803	MW-44	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-45_ 20210802	MW-45	08/02/2021	<5	<200	<10	<100	<10	<50
92553185	MW-46_ 20210803	MW-46	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-49_ 20210802	MW-49	08/02/2021	<5	<200	<10	<100	<10	<50
92553185	MW-50_ 20210803	MW-50	08/03/2021	<5	<400	<20	114J	<20	<100
92553065	MW-51_ 20210802	MW-51	08/02/2021	<5	<200	<10	<100	<10	<50
92553065	DUP-2-20210802	MW-51	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-52_ 20210805	MW-52	08/05/2021	<0.2	<800	<40	<400	<40	<200
92554137	MW-53_ 20210805	MW-53	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	DUP-2-20210805	MW-53	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-54_ 20210805	MW-54	08/05/2021	<0.2	<2000	<100	<1000	<100	<500
92553563	MW-56_ 20210804	MW-56	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-57_ 20210804	MW-57	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-58_ 20210805	MW-58	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-59_ 20210805	MW-59	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-60_ 20210803	MW-60	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-62_ 20210802	MW-62	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-63_ 20210805	MW-63	08/05/2021	<0.2	<200	<10	<100	<10	<50
92552963	MW-64_ 20210802	MW-64	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	MW-65_ 20210802	MW-65	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	MW-66_ 20210802	MW-66	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	MW-67_ 20210802	MW-67	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	DUP-1_ 20210802	MW-67	08/02/2021	<5	<200	<10	<100	<10	<50
92552929	MW-68_ 20210802	MW-68	08/02/2021	<5	<200	<10	<100	<10	<50
92553563	MW-69_ 20210804	MW-69	08/04/2021	<0.2	<200	<10	<100	<10	<50

Table 5B
Summary of Monitoring Well Oxygenate Sampling Results

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

Lab Report Number	Sample ID	Well ID / WSW Address	Sample Date	Alcohol-Glycol (mg/L)	VOCs (µg/L)				
				n-Butanol	Ethanol	Ethyl-tert-butyl ether	tert-Amyl Alcohol	tert-Amylmethyl ether	tert-Butyl Alcohol
IMAC Standards				0.7	4,000	47	NE	128	10
NCAC 2L Standards				NE	--	--	--	--	--
92552963	MW-70 20210802	MW-70	08/02/2021	<5	<200	<10	<100	<10	<50
92554137	MW-71 20210805	MW-71	08/05/2021	<0.2	<800	<40	<400	<40	<200
92553065	MW-73 20210802	MW-73	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	MW-74 20210802	MW-74	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	MW-75 20210802	MW-75	08/02/2021	<5	<200	<10	<100	<10	<50
92553185	MW-76 20210803	MW-76	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553185	DUP-2-20210803	MW-76	08/03/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-77 20210803	MW-77	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-78 20210803	MW-78	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-79 20210803	MW-79	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-80 20210803	MW-80	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-81 20210803	MW-81	08/03/2021	<5	<200	<10	<100	<10	<50
92553189	MW-82 20210803	MW-82	08/03/2021	<5	<200	<10	<100	<10	<50
92553519	MW-83 20210804	MW-83	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-84 20210803	MW-84	08/03/2021	<5	<200	<10	<100	<10	<50
92553065	MW-86 20210802	MW-86	08/02/2021	<5	<200	<10	<100	<10	<50
92553563	MW-87 20210804	MW-87	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	DUP-2-20210804	MW-87	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-88 20210804	MW-88	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-89 20210804	MW-89	08/04/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-92 20210805	MW-92	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	MW-93 20210805	MW-93	08/05/2021	<0.2	<200	<10	<100	<10	<50
Bedrock Unit Monitoring Wells									
92554137	MW-07D 20210805	MW-07D	08/05/2021	<0.2	<200	<10	<100	<10	<50
92554137	DUP-1-20210805	MW-07D	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553065	MW-14D 20210802	MW-14D	08/02/2021	<5	<200	<10	<100	<10	<50
92553519	MW-16D 20210804	MW-16D	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-31D 20210803	MW-31D	08/03/2021	<5	<200	<10	<100	<10	<50
92554137	MW-57D 20210805	MW-57D	08/05/2021	<0.2	<200	<10	<100	<10	<50
92553563	MW-61D 20210804	MW-61D	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553185	MW-62D 20210803	MW-62D	08/03/2021	<0.2	<200	<10	<100	<10	<50
92552963	MW-65D 20210802	MW-65D	08/02/2021	<5	<200	<10	<100	<10	<50
92553519	MW-79D 20210804	MW-79D	08/04/2021	<0.2	<200	<10	<100	<10	<50
92553189	MW-81D 20210803	MW-81D	08/03/2021	<5	<200	<10	<100	<10	<50
Water Supply Well Data									
92554512	13800_HC_RD 20210810	13800_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554466	13835_AC_RD 20210810	13835_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554518	13926A_HC_RD 20210810	13926A_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554504	13926B_HC_RD 20210810	13926B_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554456	14226_HC_RD 20210810	14226_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554497	14401_HC_RD 20210810	14401_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
92554531	DUP-1 20210810	14401_HC_RD	08/10/2021	<0.2	<200	<10	<100	<10	<50
QC Data									
92552929	TRIP BLANK	N/A	08/02/2021	NA	<200	<10	<100	<10	<50
92553065	TRIP BLANK	N/A	08/02/2021	NA	<200	<10	<100	<10	<50
92553189	TRIP BLANK	N/A	08/03/2021	NA	<200	<10	<100	<10	<50
92553185	TRIP BLANK	N/A	08/03/2021	NA	<200	<10	<100	<10	<50
92553519	TRIP BLANK	N/A	08/04/2021	NA	<200	<10	<100	<10	<50
92553563	TRIP BLANK	N/A	08/04/2021	NA	<200	<10	<100	<10	<50
92554137	Trip Blank	N/A	08/05/2021	NA	<200	<10	<100	<10	<50
92554285	TB-2	N/A	08/06/2021	NA	<200	<10	<100	<10	<50
92554285	Trip Blank	N/A	08/06/2021	NA	<200	<10	<100	<10	<50
92554531	Trip Blank	N/A	08/10/2021	NA	<200	<10	<100	<10	<50
92552929	EB-1-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50
92553065	EB-2-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50
92553065	FB-1-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50
92552963	FB-2-20210802	N/A	08/02/2021	<5	<200	<10	<100	<10	<50

Table 5B
Summary of Monitoring Well Oxygenate Sampling Results

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

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

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

Table 6
Well Construction Table

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

Well ID	Installation Date	Northing	Easting	Ground Surface Elevation ¹	Top Of Casing Elevation ¹	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)
Recovery Wells												
RW-01	8/26/2020	610358.851	1461902.198	731.44	732.08	35	35.64	696.44	25	696.44	721.44	4
RW-02	8/26/2020	610334.192	1461883.408	730.41	732.05	40	41.63	690.41	30	690.41	720.41	4
RW-03	8/27/2020	610345.960	1461708.668	728.40	731.51	35	38.11	693.40	25	693.40	718.40	4
RW-04	8/27/2020	610256.842	1461913.568	730.15	729.41	38	37.26	692.15	15	692.15	707.15	4
RW-05	8/28/2020	610238.256	1461801.370	726.93	726.29	40	39.37	686.93	30	686.93	716.93	4
RW-06	8/29/2020	610285.505	1462053.274	735.55	734.78	60	59.23	675.55	45	675.55	720.55	4
RW-07	9/2/2020	610763.578	1462119.184	724.33	726.92	45	47.58	679.33	30	679.33	709.33	4
RW-08	9/12/2020	610659.762	1461977.921	727.35	730.40	47	50.06	680.35	15	680.35	695.35	4
RW-09	8/30/2020	610358.716	1461795.328	729.18	730.09	40	40.92	689.18	30	689.18	719.18	4
RW-10	8/31/2020	610421.514	1461842.528	731.32	731.87	30	30.55	701.32	20	701.32	721.32	4
RW-11	9/5/2020	610205.131	1461768.249	726.82	725.94	39	38.12	687.82	30	687.82	717.82	4
RW-12	9/3/2020	610715.976	1462058.795	724.41	726.61	35	37.20	689.41	25	689.41	714.41	4
RW-13	9/4/2020	610607.910	1461899.969	729.24	732.30	35	38.05	694.24	25	694.24	719.24	4
RW-14	9/4/2020	610551.407	1461825.520	728.18	732.14	36	39.96	692.18	25	692.18	717.18	4
RW-15	9/4/2020	610678.059	1461764.372	721.01	723.99	44	46.98	677.01	30	677.01	707.01	4
RW-16	9/4/2020	610481.073	1461759.529	729.50	732.10	43	45.60	686.50	30	686.50	716.50	4
RW-17	9/5/2020	610647.245	1461924.444	726.46	729.57	17	20.11	709.46	10	709.46	719.46	4
RW-18	9/5/2020	610559.627	1462038.687	735.55	737.96	48	50.41	687.55	35	687.55	722.55	4
RW-19	9/6/2020	610701.208	1461720.481	718.03	722.02	50	53.99	668.03	40	668.03	708.03	4
RW-20	9/6/2020	610582.916	1461867.628	728.63	731.69	35	38.05	693.63	25	693.63	718.63	4
RW-21	9/8/2020	610510.245	1461795.347	729.02	731.68	47	49.67	682.02	35	682.02	717.02	4
RW-22	9/8/2020	610243.453	1461850.454	727.48	727.54	40	40.07	687.48	30	687.48	717.48	4
RW-23	9/9/2020	610566.088	1461673.972	722.31	724.85	44	46.53	678.31	30	678.31	708.31	4
RW-24	9/9/2020	610260.333	1461952.839	731.82	731.18	43	42.36	688.82	30	688.82	718.82	4
RW-25	9/10/2020	610633.402	1461743.894	721.18	724.92	52	55.74	669.18	40	669.18	709.18	4
RW-26	9/9/2020	610137.840	1461903.832	726.37	725.72	36	35.35	690.37	25	690.37	715.37	4
RW-27	9/11/2020	610859.042	1462062.133	719.15	722.46	40	43.31	679.15	30	679.15	709.15	4
RW-28	9/10/2020	610154.809	1462013.932	730.16	729.51	50	49.35	680.16	40	680.16	720.16	4
RW-29	9/10/2020	610811.013	1462018.039	719.41	719.80	48	48.39	671.41	35	671.41	706.41	4
RW-30	9/13/2020	610779.098	1461844.783	716.67	717.30	39	39.63	677.67	30	677.67	707.67	4
RW-31	9/13/2020	610862.378	1461926.349	713.59	717.24	47	50.65	666.59	35	666.59	701.59	4
RW-33	9/23/2020	610920.500	1462010.591	713.56	716.59	60	63.03	653.56	40	653.56	693.56	4
RW-34	9/24/2020	610607.413	1462110.168	734.44	735.92	51	52.48	683.44	30	683.44	713.44	4
RW-35	9/24/2020	610374.603	1462042.916	739.41	740.16	57	57.76	682.41	45	682.41	727.41	4
RW-36	9/27/2020	610406.662	1462092.338	740.81	741.45	64	64.64	676.81	20	676.81	696.81	4
RW-37	9/27/2020	610422.318	1462158.484	741.92	742.78	70	70.86	671.92	30	671.92	701.92	4
RW-38	9/30/2020	610372.332	1461966.929	736.45	737.33	47	47.87	689.45	30	689.45	719.45	4
RW-39	10/1/2020	610647.625	1461610.626	718.72	721.77	48	51.05	670.72	35	670.72	705.72	2
RW-40	10/3/2020	610586.546	1461561.167	719.98	722.94	41	43.96	678.98	20	678.98	698.98	4
RW-41	11/13/2020	610413.884	1461933.784	734.20	735.51	34	35.31	700.20	20	700.20	720.20	4
RW-42	11/14/2020	610395.476	1461891.387	732.05	733.80	31	32.75	701.05	15	701.05	716.05	4
RW-43	11/14/2020	610502.816	1461965.191	737.09	737.70	43	43.61	694.09	20	694.09	714.09	4
RW-44	11/14/2020	610452.234	1461993.114	736.83	738.21	34	35.38	702.83	15	702.83	717.83	4
RW-45	11/17/2020	610768.582	1462009.320	720.81	722.04	41	42.23	679.81	25	679.81	704.81	4
RW-46	11/19/2020	610832.503	1461954.045	716.03	716.66	44	44.63	672.03	30	672.03	702.03	4
RW-47	11/20/2020	610572.612	1461770.084	724.60	725.40	41	41.80	683.60	30	683.60	713.60	4
RW-48	11/21/2020	610400.097	1462239.054	740.34	741.03	65	65.69	675.34	40	675.34	715.34	4
RW-49	1/13/2021	610180.204	1462017.661	731.51	730.47	50	48.96	681.51	20	681.51	701.51	4
RW-50	1/13/2021	610214.261	1462082.755	734.71	733.87	65	64.16	669.71	30	669.71	699.71	4
RW-51	1/19/2021	610233.119	1462068.452	734.97	734.12	65	64.15	669.97	30	669.97	699.97	4
RW-52	1/19/2021	610200.976	1461921.076	727.93	726.96	38	37.03	689.93	15	689.93	704.93	4
RW-53	1/19/2021	610200.979	1461856.181	726.49	725.48	33	31.99	693.49	20	693.49	713.49	4
RW-54	1/20/2021	610136.885	1461982.268	728.36	727.86	47	46.50	681.36	30	681.36	711.36	4
RW-55	1/21/2021	610037.835	1461917.453	723.90	723.05	36	35.15	687.90	15	687.90	702.90	4
RW-56	1/22/2021	610070.106	1461962.447	724.89	723.99	46	45.10	678.89	25	678.89	703.89	4
RW-57	3/9/2021	610877.728	1461922.725	712.74	713.57	48	48.83	664.74	35	664.74	699.74	4
RW-58	3/10/2021	610867.716	1461941.241	713.76	714.85	50.5	51.59	663.26	40	663.26	703.26	4
RW-59	3/10/2021	610876.396	1461956.542	713.79	714.75	55.5	56.46	658.29	40	658.29	698.29	4
RW-60	3/11/2021	610889.871	1461952.783	713.27	714.09	57	57.82	656.27	45	656.27	701.27	4
RW-61	3/15/2021	610911.685	1461966.605	713.01	713.59	61	61.58	652.01	50	652.01	702.01	4

Table 6
Well Construction Table

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

Well ID	Installation Date	Northing	Easting	Ground Surface Elevation ¹	Top Of Casing Elevation ¹	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)
RW-62	3/16/2021	610892.486	1461994.954	715.05	716.21	55	56.16	660.05	45	660.05	705.05	4
RW-63	5/5/2021	610836.916	1461942.246	715.51	716.42	42.3	43.21	673.21	30	673.21	703.21	4
RW-64	5/6/2021	610825.144	1461934.279	715.96	716.89	32	32.93	683.96	20	683.96	703.96	4
RW-65	5/6/2021	610826.861	1461977.101	717.31	718.07	40	40.76	677.31	25	677.31	702.31	4
RW-66	5/7/2021	610845.523	1462016.894	717.13	718.01	45	45.88	672.13	30	672.13	702.13	4
RW-67	5/26/2021	610854.066	1461985.543	714.32	716.58	50.3	52.55	664.02	35	664.02	699.02	4
RW-68	5/27/2021	610843.333	1461936.421	715.14	716.02	44.5	45.38	670.64	30	670.64	700.64	4
RW-69	5/28/2021	610818.020	1461955.348	716.90	717.51	35	35.61	681.90	20	681.90	701.90	4
RW-70	8/6/2021	NM	NM	NM	NM	48	NM	NM	15	NM	NM	4
RW-71	7/22/2021	610952.935	1462037.549	713.96	714.52	60.5	61.06	653.46	45	653.46	698.46	4
RW-72	7/23/2021	610970.585	1461998.913	711.08	711.57	56	56.49	655.08	40	655.08	695.08	4
RW-73	7/26/2021	610945.525	1461945.334	709.55	709.82	56	56.27	653.55	45	653.55	698.55	4
RW-74	7/29/2021	610915.530	1461881.731	707.38	707.44	71.5	71.56	635.88	55	635.88	690.88	4
RW-75	8/3/2021	NM	NM	NM	NM	52	NM	NM	20	NM	NM	4
RW-76	8/5/2021	NM	NM	NM	NM	50	NM	NM	35	NM	NM	4
RW-77	8/11/2021	NM	NM	NM	NM	56	NM	NM	40	NM	NM	4
RW-78	8/13/2021	NM	NM	NM	NM	64	NM	NM	55	NM	NM	4

Table 6
Well Construction Table

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

Well ID	Installation Date	Northing	Easting	Ground Surface Elevation ¹	Top Of Casing Elevation ¹	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)
Surficial Unit Monitoring Wells												
MW-01	8/24/2020	610872.421	1461603.523	708.99	711.86	34	36.88	674.99	15	674.99	689.99	2
MW-02	8/25/2020	610823.419	1461424.282	709.42	712.53	34	37.11	675.42	15	675.42	690.42	2
MW-03	8/25/2020	610971.458	1461854.767	700.57	703.64	27	30.07	673.57	10	673.57	683.57	2
MW-04	8/28/2020	610775.085	1461415.603	712.26	715.04	40	42.78	672.26	30	672.26	702.26	2
MW-05	8/26/2020	610997.941	1461596.988	704.28	707.30	39	42.02	665.28	30	665.28	695.28	2
MW-06	8/29/2020	610954.120	1461495.917	703.43	706.34	40	42.91	663.43	30	663.43	693.43	2
MW-07	8/30/2020	610983.987	1462042.726	709.19	712.36	35	38.17	674.19	15	674.19	689.19	2
MW-08	8/28/2020	609900.503	1462000.574	721.82	724.93	45	48.11	676.82	30	676.82	706.82	4
MW-09	8/31/2020	610766.024	1461606.198	709.19	717.15	34	41.96	675.19	15	675.19	690.19	2
MW-10	8/31/2020	610518.259	1461415.944	719.99	722.91	25	27.92	694.99	15	694.99	709.99	2
MW-11	9/1/2020	610289.338	1462134.506	736.42	735.80	50	49.38	686.42	35	686.42	721.42	4
MW-12	9/1/2020	610706.838	1461352.510	715.33	718.27	38	40.94	677.33	20	677.33	697.33	2
MW-13	9/1/2020	610178.799	1462069.727	733.03	732.88	60	59.86	673.03	45	673.03	718.03	4
MW-14	9/2/2020	609986.253	1462038.776	721.96	724.88	41	43.93	680.96	30	680.96	710.96	4
MW-15	9/2/2020	610450.293	1461470.456	722.69	725.70	39	42.01	683.69	15	683.69	698.69	2
MW-16	9/2/2020	610231.660	1461474.341	722.32	725.49	46	49.17	676.32	35	676.32	711.32	4
MW-17	9/2/2020	610237.711	1461555.419	724.23	727.50	50	53.27	674.23	40	674.23	714.23	4
MW-18	9/2/2020	610817.943	1462185.479	726.72	728.17	45	46.45	681.72	15	681.72	696.72	2
MW-19	9/3/2020	610078.908	1461765.512	723.43	726.29	35	37.86	688.43	25	688.43	713.43	4
MW-20	9/3/2020	610895.751	1462288.912	727.62	729.69	48	50.07	679.62	15	679.62	694.62	2
MW-21	9/3/2020	610087.091	1461622.600	721.89	724.97	50	53.08	671.89	35	671.89	706.89	4
MW-22	9/3/2020	610918.335	1462111.418	718.85	721.89	34	37.05	684.85	15	684.85	699.85	2
MW-23	9/21/2020	610085.511	1461553.272	721.15	723.74	45	47.59	676.15	30	676.15	706.15	2
MW-24	9/4/2020	610605.100	1462116.596	734.70	737.63	54	56.93	680.70	15	680.70	695.70	2
MW-25	9/4/2020	610724.207	1462220.540	730.89	734.04	57	60.14	673.89	15	673.89	688.89	2
MW-26	9/4/2020	610924.172	1462017.515	715.02	717.71	37	39.69	678.02	15	678.02	693.02	2
MW-27	9/5/2020	610986.312	1462085.698	713.30	716.19	42	44.90	671.30	15	671.30	686.30	2
MW-28	9/5/2020	610218.934	1461369.873	720.57	720.45	40	39.88	680.57	15	680.57	695.57	2
MW-29	9/6/2020	610727.972	1461673.646	715.60	718.73	50	53.13	665.60	40	665.60	705.60	4
MW-30	9/6/2020	610799.782	1461554.298	712.07	715.08	46	49.01	666.07	15	666.07	681.07	4
MW-31	9/7/2020	609936.722	1461612.083	718.44	721.45	44	47.01	674.44	30	674.44	704.44	4
MW-32	9/5/2020	611207.899	1461763.847	688.75	691.78	35	38.03	653.75	15	653.75	668.75	2
MW-33	9/5/2020	611254.113	1461864.564	683.70	686.70	25	28.00	658.70	15	658.70	673.70	2
MW-34	9/7/2020	611273.038	1461934.811	681.00	683.89	20	22.89	661.00	15	661.00	676.00	2
MW-35	9/7/2020	611009.321	1461705.220	704.07	707.14	37	40.08	667.07	15	667.07	682.07	2
MW-36	9/8/2020	610925.672	1461745.145	707.51	710.54	42	45.04	665.51	15	665.51	680.51	2
MW-37	9/8/2020	610847.989	1461775.311	712.01	714.37	35	37.36	677.01	15	677.01	692.01	2
MW-38	9/8/2020	610842.872	1462161.078	723.82	726.74	50	52.91	673.82	30	673.82	703.82	4
MW-39	9/8/2020	610284.817	1462017.884	734.63	733.86	50	49.24	684.63	35	684.63	719.63	4
MW-40	9/9/2020	610244.764	1461670.079	725.82	728.92	37	40.10	688.82	10	688.82	698.82	2
MW-41	9/9/2020	610493.441	1462185.803	742.82	745.92	65	68.10	677.82	15	677.82	692.82	2
MW-42	9/11/2020	610181.689	1462121.558	732.58	732.48	51	50.90	681.58	40	681.58	721.58	4
MW-43	8/30/2020	610389.738	1461617.614	726.58	729.80	47	50.22	679.58	35	679.58	714.58	4
MW-44	9/11/2020	609895.129	1461835.846	724.13	726.48	32.5	34.85	691.63	20	691.63	711.63	4
MW-45	9/11/2020	610075.136	1462075.191	726.57	729.41	50	52.84	676.57	40	676.57	716.57	4
MW-46	9/12/2020	610025.308	1461943.315	723.53	726.73	40	43.20	683.53	10	683.53	693.53	4
MW-47	9/12/2020	610024.249	1461884.053	723.61	723.18	27	26.57	696.61	20	696.61	716.61	4
MW-48	9/15/2020	610606.305	1461637.713	720.55	723.57	46	49.02	674.55	35	674.55	709.55	4
MW-49	9/16/2020	610044.272	1462071.781	724.00	727.58	51	54.58	673.00	40	673.00	713.00	4
MW-50	9/16/2020	610108.789	1462002.292	727.39	731.14	53	56.75	674.39	40	674.39	714.39	4
MW-51	9/18/2020	610098.487	1462076.037	728.15	734.12	45	50.97	683.15	30	683.15	713.15	4
MW-52	9/23/2002	610624.065	1461664.991	719.97	722.94	54	56.98	665.97	30	665.97	695.97	4
MW-53	9/28/2020	611025.358	1461994.967	704.50	707.49	60	62.99	644.50	20	644.50	664.50	4
MW-54	9/28/2020	610966.379	1461910.800	704.72	707.97	60	63.25	644.72	45	644.72	689.72	4
MW-55	9/29/2020	610444.848	1462212.443	742.89	743.95	67	68.07	675.89	25	675.89	700.89	4
MW-56	9/30/2020	611413.434	1461928.805	678.27	681.53	40	43.26	638.27	30	638.27	668.27	4
MW-57	10/1/2020	611251.497	1462014.298	683.94	687.07	45	48.13	638.94	35	638.94	673.94	4
MW-58	10/2/2020	610721.594	1461486.487	714.25	717.30	50	53.05	664.25	30	664.25	694.25	4
MW-59	10/3/2020	610703.188	1461566.103	716.45	719.38	50	52.93	666.45	30	666.45	696.45	4
MW-60	10/4/2020	609897.732	1461950.487	723.81	726.76	44	46.95	679.81	20	679.81	699.81	4

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MW-61	11/5/2020	610453.163	1462310.437	743.42	746.57	67	70.14	676.42	30	676.42	706.42	4
MW-62	11/15/2020	609743.553	1461857.515	726.51	729.79	35.5	38.77	691.01	10	691.01	701.01	4
MW-63	11/18/2020	610926.378	1462191.034	722.68	725.76	58.5	61.58	664.18	35	664.18	699.18	4
MW-64	12/18/2020	610264.509	1462472.415	730.83	730.39	70	69.57	660.83	35	660.83	695.83	2
MW-65	12/22/2020	610036.254	1462521.035	714.46	714.46	40	40.00	674.46	15	674.46	689.46	2
MW-66	12/22/2020	610307.407	1462282.426	731.48	731.43	54	53.95	677.48	19	677.48	696.48	2
MW-67	12/21/2020	610195.283	1462306.322	724.23	724.32	45	45.10	679.23	15	679.23	694.23	2
MW-68	12/23/2020	610172.383	1462150.457	731.94	731.84	50	49.90	681.94	15	681.94	696.94	2
MW-69	12/15/2020	610468.604	1462397.614	741.42	741.74	60.5	60.82	680.92	30	680.92	710.92	4
MW-70	12/20/2020	610236.668	1462434.654	728.26	728.08	48	47.82	680.26	15	680.26	695.26	2
MW-71	1/6/2021	610552.899	1462334.626	743.39	746.97	65	68.58	678.39	15	678.39	693.39	2
MW-72	1/9/2021	610787.319	1462258.031	731.04	734.81	54	57.77	677.04	15	677.04	692.04	2
MW-73	1/11/2021	609830.542	1461963.531	723.40	726.44	37	40.03	686.40	15	686.40	701.40	2
MW-74	2/8/2021	610288.758	1462401.250	730.28	730.05	33	32.77	697.28	15	697.28	712.28	2
MW-75	2/9/2021	609999.462	1462373.931	713.52	713.48	46	45.95	667.52	15	667.52	682.52	2
MW-76	2/10/2021	609869.965	1462038.207	720.14	723.94	45	48.80	675.14	20	675.14	695.14	2
MW-77	2/24/2021	610048.186	1461526.049	719.05	722.70	45	48.65	674.05	30	674.05	704.05	2
MW-78	2/25/2021	610137.637	1461499.437	721.57	725.08	50	53.51	671.57	25	671.57	696.57	2
MW-79	2/25/2021	609984.402	1461557.321	718.70	721.56	38	40.86	680.70	20	680.70	700.70	2
MW-80	3/2/2021	609852.041	1461689.253	719.25	722.65	37	40.40	682.25	20	682.25	702.25	2
MW-81	3/3/2021	609694.813	1461743.131	722.99	722.83	37	36.84	685.99	20	685.99	705.99	2
MW-82	3/2/2021	609605.030	1461793.615	724.46	724.27	39	38.81	685.46	25	685.46	710.46	2
MW-83	3/5/2021	610242.804	1461622.635	725.21	724.91	44.5	44.20	680.71	20	680.71	700.71	4
MW-84	3/6/2021	610193.968	1461655.229	724.43	723.99	36.8	36.37	687.63	20	687.63	707.63	4
MW-85	3/8/2021	610248.381	1461669.960	725.83	727.67	37	38.84	688.83	20	688.83	708.83	4
MW-86	3/17/2021	609796.912	1461976.758	724.51	724.28	46	45.77	678.51	30	678.51	708.51	4
MW-87	4/21/2021	610840.677	1462333.403	731.36	734.39	55	58.04	676.36	20	676.36	696.36	4
MW-88	4/28/2021	610892.541	1462401.652	728.80	731.93	63.5	66.62	665.30	20	665.30	685.30	2
MW-89	4/29/2021	610816.900	1462404.312	731.60	734.67	53.8	56.87	677.80	20	677.80	697.80	2
MW-92	6/2/2021	610581.113	1462395.424	742.74	745.56	72.3	75.13	670.44	25	670.44	695.44	4
MW-93	6/2/2021	610519.959	1462448.097	741.19	744.05	63.5	66.36	677.69	20	677.69	697.69	4

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Bedrock Unit Monitoring Wells												
MW-07D	11/15/2020	611005.713	1462052.096	708.43	711.73	173	138.50	573.23	10	573.23	583.23	2
MW-14D	2/27/2021	609996.333	1462052.985	721.87	722.75	198	74.30	648.45	10	648.45	658.45	2
MW-16D	6/16/2021	610379.111	1461938.794	734.73	736.35	130	75.00	661.35	20	661.35	681.35	4
MW-25D	9/4/2020	610736.979	1462197.404	730.34	733.05	139	123.71	606.62	10	606.62	616.62	2
MW-31D	5/14/2021	609777.712	1461508.165	714.03	714.09	73	70.00	644.03	15	644.03	659.03	4
MW-36D	11/17/2020	610906.414	1461745.138	707.87	710.81	140	134.00	573.87	20	573.87	593.87	2
MW-57D	11/20/2020	611250.689	1461994.235	683.26	686.44	108	108.18	575.08	10	575.08	585.08	2
MW-59D	11/18/2020	610674.886	1461596.261	718.17	720.98	160	159.70	561.28	10	561.28	571.28	2
MW-61D	11/14/2020	610443.187	1462311.893	742.39	745.40	123	106.50	638.90	10	638.90	648.90	2
MW-62D	11/15/2020	609743.041	1461850.176	726.74	729.92	143	141.50	588.42	10	588.42	598.42	2
MW-65D	12/23/2020	610025.893	1462525.594	714.18	714.15	150	123.40	590.75	5	590.75	595.75	2
MW-79D	3/8/2021	609970.915	1461516.471	717.50	720.32	154	156.60	563.72	10	563.72	573.72	2
MW-81D	6/10/2021	609711.105	1461665.055	720.71	720.45	113	113.00	607.45	15	607.45	622.45	4
MW-90D	5/20/2021	610599.633	1461905.581	729.23	730.09	83	83.86	646.23	10	646.23	656.23	4
MW-91D	5/21/2021	610560.220	1461951.733	734.90	735.84	91	91.94	643.90	10	643.90	653.90	4

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Hydraulic Control Wells												
HCW-01	1/10/2021	610479.453	1462386.777	741.90	742.48	65	65.58	676.90	30	676.90	706.90	4
HCW-02	1/12/2021	610472.756	1462354.274	742.69	744.96	63	65.27	679.69	25	679.69	704.69	4
HCW-03	1/12/2021	610468.367	1462322.351	743.38	745.48	70	72.10	673.38	30	673.38	703.38	4
HCW-04	1/13/2021	610460.988	1462287.410	744.08	746.00	70	71.92	674.08	30	674.08	704.08	4
HCW-05	1/14/2021	610453.278	1462257.011	743.81	743.82	70.5	70.51	673.31	30.5	673.31	703.81	4
HCW-06	1/14/2021	610452.952	1462225.014	743.77	743.70	70.5	70.43	673.27	30.5	673.27	703.77	4
HCW-07	1/15/2021	610447.468	1462192.532	743.00	742.86	70.5	70.36	672.50	30.5	672.50	703.00	4
HCW-08	1/15/2021	610434.965	1462163.035	742.82	742.96	70.6	70.74	672.22	30.6	672.22	702.82	4
HCW-09	1/16/2021	610427.226	1462135.285	742.46	744.49	70.5	72.53	671.96	32.5	671.96	704.46	4
HCW-10	1/17/2021	610418.366	1462107.717	741.66	743.90	68	70.24	673.66	36	673.66	709.66	4
HCW-11	1/18/2021	610411.797	1462079.637	741.15	741.26	66.5	66.60	674.65	36.5	674.65	711.15	4
HCW-12	1/19/2021	610404.713	1462051.000	740.56	740.75	53	53.20	687.56	21	687.56	708.56	4
HCW-13	1/18/2021	610395.379	1462024.783	739.69	740.79	50	51.10	689.69	20	689.69	709.69	4
HCW-14	1/20/2021	610390.188	1461996.508	738.48	739.18	48	48.70	690.48	20	690.48	710.48	4
HCW-15	1/20/2021	610383.181	1461967.528	736.64	737.19	47	47.55	689.64	21	689.64	710.64	4
HCW-16	1/21/2021	610379.111	1461938.794	734.73	736.35	41	42.62	693.73	14	693.73	707.73	4
HCW-17	1/21/2021	610371.786	1461910.859	732.96	733.19	37	37.24	695.96	13	695.96	708.96	4
HCW-18	1/22/2021	610355.698	1461874.749	731.02	731.12	33	33.10	698.02	15	698.02	713.02	4
HCW-19	1/22/2021	610348.788	1461845.150	730.19	732.00	41	42.81	689.19	20	689.19	709.19	4
HCW-20	1/23/2021	610346.204	1461816.474	729.61	731.69	48	50.08	681.61	25	681.61	706.61	4
HCW-21	1/9/2021	610366.542	1461683.196	729.46	730.02	46	46.56	683.46	20	683.46	703.46	4
HCW-22	1/6/2021	610376.108	1461656.673	728.17	731.67	53	56.50	678.67	25	678.67	703.67	4
HCW-23	2/5/2021	610483.142	1462444.607	740.19	740.60	70	70.41	670.60	30	670.60	700.60	4
HCW-24	2/6/2021	610468.660	1462397.499	741.42	741.73	70	70.31	671.73	30	671.73	701.73	4
HCW-25	2/11/2021	610345.826	1461789.848	729.76	730.41	43	43.65	687.41	25	687.41	712.41	4
HCW-26	2/10/2021	610343.543	1461757.497	730.39	730.52	45	45.13	685.52	25	685.52	710.52	4
HCW-27	2/12/2021	610347.633	1461724.013	729.70	729.91	40	40.20	689.91	25	689.91	714.91	4
NHCW-01	2/2/2021	610654.994	1461599.129	718.95	718.93	48	47.98	670.93	25	670.93	695.93	4
NHCW-02	2/3/2021	610679.156	1461615.447	718.60	719.11	50	50.51	669.11	30	669.11	699.11	4
NHCW-03	2/3/2021	610704.318	1461631.866	717.46	717.56	45	45.10	672.56	25	672.56	697.56	4
NHCW-04	2/4/2021	610728.209	610728.209	715.89	716.18	50	50.29	666.18	30	666.18	696.18	4
NHCW-05	2/4/2021	610753.336	1461664.115	715.14	715.34	50	50.21	665.34	30	665.34	695.34	4
NHCW-06	2/4/2021	610776.520	1461681.143	714.74	714.96	50	50.22	664.96	30	664.96	694.96	4
NHCW-07	2/5/2021	610800.942	1461697.135	713.69	714.08	47	47.39	667.08	30	667.08	697.08	4
NHCW-08	2/5/2021	610825.331	1461713.844	712.87	712.84	45	44.97	667.84	30	667.84	697.84	4
NHCW-09	2/6/2021	610850.235	1461736.074	711.27	711.21	43	42.94	668.21	30	668.21	698.21	4
NHCW-10	2/7/2021	610881.084	1461753.945	709.29	713.05	41	44.76	672.05	25	672.05	697.05	4
NHCW-11	2/6/2021	610896.719	1461783.418	709.11	710.66	41	42.55	669.66	25	669.66	694.66	4
NHCW-12	2/21/2021	610916.545	1461805.882	706.42	707.09	40	40.67	667.09	25	667.09	692.09	4
NHCW-13	2/20/2021	610937.270	1461825.399	703.76	704.81	40	41.05	664.81	25	664.81	689.81	4
NHCW-14	2/20/2021	610958.289	1461846.377	702.09	703.34	35	36.25	668.34	20	668.34	688.34	4
NHCW-15	2/20/2021	610968.945	1461873.845	701.28	702.64	35	36.35	667.64	20	667.64	687.64	4
NHCW-16	2/19/2021	610974.960	1461904.404	703.42	704.99	40	41.57	664.99	25	664.99	689.99	4
NHCW-17	2/19/2021	610990.091	1461927.359	705.21	705.83	40	40.62	665.83	25	665.83	690.83	4
NHCW-18	2/17/2021	610991.177	1461959.732	707.76	709.11	39	40.35	670.11	25	670.11	695.11	4
NHCW-19	2/9/2021	611008.895	1461988.059	705.81	706.80	39	39.99	667.80	25	667.80	692.80	4
NHCW-20	2/8/2021	611007.961	1462017.086	707.11	709.03	39	40.92	670.03	25	670.03	695.03	4

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Well ID	Installation Date	Northing	Easting	Ground Surface Elevation ¹	Top Of Casing Elevation ¹	Total Boring Depth (ft)	Total Well Depth (ft BTOC)	Bottom of well Elevation	Screen Length	Bottom of Screened Interval	Top of Screened Interval	Well Diameter (Inches)
NHCW-21	2/9/2021	610994.067	1462044.191	708.80	709.90	45	46.11	664.90	25	664.90	689.90	4
NHCW-22	2/10/2021	610982.723	1462069.737	711.48	712.70	50	51.23	662.70	30	662.70	692.70	4
NHCW-23	2/11/2021	610971.622	1462098.551	713.86	715.10	50	51.24	665.10	30	665.10	695.10	4
NHCW-24	2/12/2021	610962.736	1462127.497	716.32	717.38	50	51.06	667.38	30	667.38	697.38	4
NHCW-25	2/12/2021	610957.574	1462156.934	718.51	720.83	55	57.31	665.83	25	665.83	690.83	4
NHCW-26	2/14/2021	610943.795	1462182.638	721.67	723.09	55	56.42	668.09	25	668.09	693.09	4
NHCW-27	2/15/2021	610931.522	1462210.475	723.13	724.18	55	56.05	669.18	25	669.18	694.18	4
NHCW-28	2/15/2021	610918.337	1462235.867	724.30	725.46	55	56.16	670.46	25	670.46	695.46	4
NHCW-29	2/16/2021	610899.121	1462262.235	727.19	728.13	55	55.95	673.13	25	673.13	698.13	4

Notes:

ft btoc = Feet Below Top Of Casing

NA = Data not available at this date -- will be populated later

RW = Recovery Well

MW = Monitoring Well

HCW = Hydraulic Control Well

NHCW = North Hydraulic Control Well

-- = Well not surveyed

¹ = Elevations surveyed in feet using the NAVD88 vertical datum.

Table 7
Summary of Water Supply Well Sampling Results

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

			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92525139	13712_HC_RD_20210302	03/02/2021	38.2	<0.50	<0.50
92492043	13736_PE_Dr	08/22/2020	NA	NA	NA
92492904	13800_H/C_Rd	08/27/2020	109	<0.50	<0.50
92493896	13800_HC_RD	09/02/2020	169	<0.50	<0.50
92495067	13800_HC_RD	09/10/2020	55.2	<0.50	<0.50
92495939	13800_HC_RD_20200916	09/16/2020	67	<0.50	<0.50
92497411	13800_HC_RD_20200924	09/24/2020	23	<0.50	<0.50
92498538	13800_HC_RD	10/01/2020	6.5	<0.50	<0.50
92499668	13800_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500721	13800_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501794	13800_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502945	13800_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504298	13800_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506033	13800_HC_RD	11/12/2020	5.4	<0.50	<0.50
92507404	13800_HC_RD	11/19/2020	5.7	<0.50	<0.50
92507391	FD-111820	11/19/2020	5.4	<0.50	<0.50
92508024	13800_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508707	13800_HC_RD_20201201	12/01/2020	7.8	<0.50	<0.50
92510221	13800_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92512037	13800_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92513363	13800_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513987	13800_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92514747	13800_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516194	13800_HC_RD_20211112	01/12/2021	<5.0	<0.50	<0.50
92517235	13800_HC_RD_20211119	01/19/2021	<5.0	<0.50	<0.50
92518577	13800_HC_RD_20211126	01/26/2021	16.9	<0.50	<0.50
92519756	13800_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92521088	13800_HC_RD_20210209	02/09/2021	5.1	<0.50	<0.50
92522441	13800_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50
92523569	13800_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50
92525141	13800_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50
92526632	13800_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date			
			Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92527865	13800_HC_RD_20210316	03/16/2021	12.1	<0.50	<0.50
92529142	13800_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5
92530276	13800_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92531396	13800_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92531397	DUP-1	04/06/2021	<5.0	<0.50	<0.50
92532721	13800_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5
92534073	13800_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5
92535389	13800_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50
92536812	13800_HC_RD_20210504	05/04/2021	<5.0	<0.5	<0.50
92538171	13800_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5
92539520	13800_HC_RD_20210518	05/18/2021	6.3	<0.50	<0.50
92540616	13800_HC_RD_20210525	05/25/2021	<5	<0.5	<0.5
92541596	13800_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50
92543078	13800_HC_RD_20210608	06/08/2021	<5.0	<0.50	<0.50
92544310	13800_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5
92545590	13800_HC_RD_20210622	06/22/2021	<5.0	<0.5	<0.5
92545591	DUP-1	06/22/2021	<5	<0.5	0.9
92546854	13800_HC_RD_20210629	06/29/2021	50.5	<0.50	<0.50
92547797	13800_HC_RD_20210706	07/06/2021	5.0J	<0.50	<0.50
92549166	13800_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50
92550625	13800_HC_RD_20210720	07/20/2021	<5.0	<0.50	<0.50
92551875	13800_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50
92553041	13800_HC_RD_20210803	08/03/2021	<5.0	<0.50	<0.50
92554512	13800_HC_RD_20210810	08/10/2021	10.4	<0.5	<0.50
92491028	13822_HC_Rd	08/16/2020	53.0	<0.50	<0.50
92492032	13822_HC_Rd	08/21/2020	14.2	NA	NA
92492033	FD_08212020	08/21/2020	10.3	NA	NA
92493878	13822_HC_RD	09/02/2020	11.6	<0.50	<0.50
92495055	13822_HC_RD	09/10/2020	<5.0	<0.50	<0.50
92495069	FD-091020	09/10/2020	<5.0	<0.50	<0.50
92495927	13822_HC_RD_20200916	09/16/2020	14.3	<0.50	<0.50
92497407	13822_HC_RD_20200924	09/24/2020	8.9	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92491385	13831_Sims_Rd	08/17/2020	<5.0	<0.50	<0.50
92492683	13831_Sims_Rd	08/25/2020	<5.0	<0.50	<0.50
92494137	13831_SIMS_RD	09/03/2020	<5.0	<0.50	<0.50
92525138	13831_SIMS_RD_20210302	03/02/2021	<5.0	<0.50	<0.50
92491367	13835_AC_Rd	08/17/2020	<5.0	<0.50	<0.50
92492460	13835_AC_Rd	08/25/2020	<5.0	<0.50	<0.50
92492469	FD1-08252020	08/25/2020	<5.0	<0.50	<0.50
92494135	13835_AC_RD	09/03/2020	<5.0	<0.50	<0.50
92495191	13835_AC_RD	09/11/2020	<5.0	<0.50	<0.50
92495943	13835_AC_RD_20200916	09/16/2020	<5.0	1.7	7.4
92497409	13835_AC_RD_20200924	09/24/2020	16.1	<0.50	<0.50
92498537	13835_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92498539	FD-100120	10/01/2020	<5.0	<0.50	<0.50
92499665	13835_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500725	13835_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92500731	DUP-1	10/15/2020	<5.0	<0.50	<0.50
92501805	13835_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502955	13835_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92502957	DUP-1	10/29/2020	<5.0	<0.50	<0.50
92504283	13835_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506030	13835_AC_RD	11/12/2020	<5.0	<0.50	<0.50
92507400	13835_AC_RD	11/19/2020	<5.0	<0.50	<0.50
92508017	13835_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508716	13835_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50
92510233	13835_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92512027	13835_AC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92512046	DUP-1	12/15/2020	<5.0	<0.50	<0.50
92513354	13835_AC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513978	13835_AC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92514756	13835_AC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516191	13835_AC_RD_2021112	01/12/2021	<5.0	<0.50	<0.50
92516192	DUP-1	01/12/2021	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92517234	13835 AC RD 2021119	01/19/2021	<5.0	<0.50	<0.50
92518610	13835 AC RD 2021126	01/26/2021	15.4	<0.50	<0.50
92519760	13835 AC RD 20210202	02/02/2021	<5.0	<0.50	<0.50
92521099	13835 AC RD 20210209	02/09/2021	15.1	<0.50	<0.50
92522436	13835 AC RD 20210216	02/16/2021	<5.0	<0.50	<0.50
92522438	DUP-1	02/16/2021	<5.0	<0.50	0.62
92523572	13835 AC RD 20210223	02/23/2021	<5.0	<0.50	0.57
92525131	13835 AC RD 20210302	03/02/2021	<5.0	<0.50	0.5
92526625	13835 AC RD 20210309	03/09/2021	13.5	<0.50	0.54
92527864	13835 AC RD 20210316	03/16/2021	6.2	<0.50	0.51
92529170	13835 AC RD 20210323	03/23/2021	<5	<0.5	<0.5
92530284	13835 AC RD 20210330	03/30/2021	<5	<0.5	<0.5
92531392	13835 AC RD 20210406	04/06/2021	<5.0	<0.50	0.52
92532714	13835 AC RD 20210413	04/13/2021	<5	<0.5	0.65
92534075	13835 AC RD 20210420	04/20/2021	<5	<0.5	<0.5
92535405	13835 AC RD 20210427	04/27/2021	<5.0	<0.50	<0.50
92536813	13835 AC RD 20210504	05/04/2021	<5.0	<0.5	0.65
92538166	13835 AC RD 20210511	05/11/2021	<5	<0.5	0.67
92539526	13835 AC RD 20210518	05/18/2021	<5.0	<0.50	0.89
92540628	13835 AC RD 20210525	05/25/2021	<5	<0.5	0.74
92540633	DUP-1	05/25/2021	<5	<0.5	0.74
92541591	13835 AC RD 20210601	06/01/2021	<5.0	<0.50	0.90
92543079	13835 AC RD 20210608	06/08/2021	4.7J	<0.50	0.88
92544297	13835 AC RD 20210615	06/15/2021	<5	<0.5	0.91
92545600	13835 AC RD 20210622	06/22/2021	7.5	<0.5	0.84
92546857	13835 AC RD 20210629	06/29/2021	<5.0	<0.50	0.76
92547790	13835 AC RD 20210706	07/06/2021	<5.0	<0.50	0.99
92549184	13835 AC RD 20210713	07/13/2021	<5.0	<0.50	0.80
92549163	DUP-1	07/13/2021	<5.0	<0.50	0.77
92550635	13835 AC RD 20210720	07/20/2021	<5.0	<0.50	0.73
92551865	13835 AC RD 20210727	07/27/2021	<5.0	<0.50	<0.50
92553036	13835 AC RD 20210803	08/03/2021	<5.0	<0.50	0.96

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date			
			Lead	Bromodichloromethane	Chloroform
			NCAC 2L	15	0.6
IMAC Standards			--	--	--
92554466	13835 AC RD 20210810	08/10/2021	<5.0	<0.5	0.5
92491363	13901 Sims Rd	08/17/2020	<5.0	<0.50	<0.50
92491368	FD1 081720	08/17/2020	<5.0	<0.50	<0.50
92492466	13901 Sims Rd	08/25/2020	<5.0	<0.50	<0.50
92494138	13901 SIMS RD	09/03/2020	<5.0	<0.50	<0.50
92525133	13901 Sims RD 20210302	03/02/2021	<5.0	<0.50	<0.50
92491259	13920 Sims Rd	08/17/2020	<5.0	<0.50	<0.50
92492462	13920 Sims Rd	08/25/2020	<5.0	<0.50	<0.50
92494130	13920 SIMS RD	09/03/2020	<5.0	<0.50	<0.50
92525130	13920 SIMS RD 20210302	03/02/2021	<5.0	<0.50	<0.50
92491360	13923 AC Rd	08/17/2020	<5.0	<0.50	<0.50
92492465	13923 AC Rd	08/25/2020	<5.0	<0.50	<0.50
92494139	13923 AC RD	09/03/2020	<5.0	<0.50	<0.50
92495190	13923 AC RD	09/11/2020	<5.0	<0.50	<0.50
92495938	13923 AC RD 20200916	09/16/2020	<5.0	<0.50	<0.50
92497416	13923 AC RD 20200924	09/24/2020	5.5	<0.50	<0.50
92498533	13923 AC RD	10/01/2020	<5.0	<0.50	<0.50
92499672	13923 AC RD 20201008	10/08/2020	<5.0	<0.50	<0.50
92491030	13926A HC Rd	08/16/2020	<5.0	<0.50	<0.50
92492029	13926A HC Rd	08/21/2020	<5.0	NA	<0.50
92493902	13926A HC RD	09/02/2020	<5.0	<0.50	<0.50
92495062	13926A HC RD	09/10/2020	<5.0	<0.50	<0.50
92495945	13926A HC RD 20200916	09/16/2020	<5.0	<0.50	<0.50
92497401	13926A HC RD 20200924	09/24/2020	<5.0	<0.50	<0.50
92498130	13926A HC RD 20200930	09/30/2020	<5.0	<0.50	<0.50
92499670	13926A HC RD 20201008	10/08/2020	<5.0	<0.50	<0.50
92500718	13926A HC RD 20201015	10/15/2020	<5.0	<0.50	<0.50
92501815	13926A HC RD 20201022	10/22/2020	5.2	<0.50	<0.50
92502951	13926A HC RD 20201029	10/29/2020	6.6	<0.50	<0.50
92504292	13926A HC RD 20201105	11/05/2020	<5.0	<0.50	<0.50
92506028	13926A HC RD	11/12/2020	<5.0	<0.50	8.2
92507401	13926A HC RD	11/19/2020	5.8	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92508011	13926A_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508712	13926A_HC_RD_20201201	12/01/2020	5.9	<0.50	<0.50
92510243	13926A_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92512042	13926A_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92513351	13926A_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513975	13926A_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92514754	13926A_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516196	13926A_HC_RD_20211112	01/12/2021	<5.0	<0.50	<0.50
92517224	13926A_HC_RD_20211119	01/19/2021	<5.0	<0.50	<0.50
92518620	13926A_HC_RD_2021126	01/26/2021	<5.0	<0.50	<0.50
92519764	13926A_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92521095	13926A_HC_RD_20210209	02/09/2021	24.2	<0.50	<0.50
92522435	13926A_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50
92523580	13926A_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50
92525137	13926A_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50
92526622	13926A_HC_RD_20210309	03/09/2021	7.3	<0.50	<0.50
92527881	13926A_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50
92529132	13926A_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5
92530272	13926A_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92530286	DUP-1	03/30/2021	<5.0	<0.50	<0.50
92531391	13926A_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92532713	13926A_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5
92534055	13926A_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5
92535410	13926A_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50
92536815	13926A_HC_RD_20210504	05/04/2021	<5.0	<0.5	<0.5
92538170	13926A_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5
92539532	13926A_HC_RD_20210518	05/18/2021	<5.0	<0.50	<0.50
92540609	13926A_HC_RD_20210525	05/25/2021	<5	<0.5	<0.5
92541580	13926A_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50
92543082	13926A_HC_RD_20210608	06/08/2021	4.9	<0.50	<0.50
92544294	13926A_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5
92545595	13926A_HC_RD_20210622	06/22/2021	6.2	<0.5	<0.5

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Summary of Water Supply Well Sampling Results

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

			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92546855	13926A_HC_RD_20210629	06/29/2021	<5.0	<0.50	<0.50
92547792	13926A_HC_RD_20210706	07/06/2021	<5.0	<0.50	<0.50
92549173	13926A_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50
92550639	13926A_HC_RD_20210720	07/20/2021	89.3	<0.50	<0.50
92551860	13926A_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50
92553034	13926A_HC_RD_20210803	08/03/2021	<5.0	<0.5	<0.50
92553048	DUP-1	08/03/2021	<5	<0.5	<0.50
92554518	13926A_HC_RD_20210810	08/10/2021	<5	<0.5	<0.5
92491030	13926B_HC_Rd	08/16/2020	<5.0	<0.50	8.9
92492030	13926B_HC_Rd	08/21/2020	NA	NA	8.4
92493891	13926B_HC_RD	09/02/2020	<5.0	<0.50	9.4
92495059	13926B_HC_RD	09/10/2020	<5.0	<0.50	7.6
92495941	13926B_HC_RD_20200916	09/16/2020	<5.0	<0.50	9.6
92495930	Field Duplicate 09-16-2020	09/16/2020	<5.0	<0.50	10.1
92497412	13926B_HC_RD_20200924	09/24/2020	<5.0	<0.50	9.8
92498128	13926B_HC_RD_20200930	09/30/2020	<5.0	<0.50	6.3
92499661	13926B_HC_RD_20201008	10/08/2020	<5.0	<0.50	9.3
92500720	13926B_HC_RD_20201015	10/15/2020	<5.0	<0.50	8.9
92501809	13926B_HC_RD_20201022	10/22/2020	<5.0	<0.50	8.7
92502943	13926B_HC_RD_20201029	10/29/2020	<5.0	<0.50	8.9
92504284	13926B_HC_RD_20201105	11/05/2020	<5.0	<0.50	9.2
92506050	13926B_HC_RD	11/12/2020	<5.0	<0.50	<0.50
92507398	13926B_HC_RD	11/19/2020	<5.0	<0.50	7
92508014	13926B_HC_RD_20201124	11/24/2020	<5.0	<0.50	8.7
92508823	13926B_HC_RD_20201201	12/01/2020	6.6	<0.50	6.8
92510237	13926B_HC_RD_20201208	12/08/2020	<5.0	<0.50	9.2
92512044	13926B_HC_RD_20201215	12/15/2020	<5.0	<0.50	8.5
92513370	13926B_HC_RD_20201222	12/22/2020	<5.0	<0.50	6.4
92513986	13926B_HC_RD_20201229	12/29/2020	<5.0	<0.50	7.5
92514757	13926B_HC_RD_20210105	01/05/2021	<5.0	<0.50	11.5
92514760	DUP-1	01/05/2021	<5.0	<0.50	11.7
92516195	13926B_HC_RD_2021112	01/12/2021	<5.0	<0.50	9.7

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92517242	13926B_HC_RD_2021119	01/19/2021	<5.0	<0.50	8.8
92517218	DUP-1	01/19/2021	<5.0	<0.50	8.6
92518587	13926B_HC_RD_2021126	01/26/2021	<5.0	<0.50	7.9
92519742	13926B_HC_RD_20210202	02/02/2021	<5.0	<0.50	9
92521084	13926B_HC_RD_20210209	02/09/2021	<5.0	<0.50	8.9
92522444	13926B_HC_RD_20210216	02/16/2021	<5.0	<0.50	9
92523576	13926B_HC_RD_20210223	02/23/2021	<5.0	<0.50	9.3
92523574	Dup-1	02/23/2021	<5.0	<0.50	9.7
92525136	13926B_HC_RD_20210302	03/02/2021	<5.0	<0.50	7.8
92525144	DUP-1	03/02/2021	<5.0	<0.50	0.54
92526624	13926B_HC_RD_20210309	03/09/2021	<5.0	<0.50	9.3
92527878	13926B_HC_RD_20210316	03/16/2021	<5.0	<0.50	8.7
92529205	13926B_HC_RD_20210323	03/23/2021	<5	<0.5	8.1
92530274	13926B_HC_RD_20210330	03/30/2021	<5	<0.5	7.5
92531403	13926B_HC_RD_20210406	04/06/2021	<5.0	<0.50	7.9
92532710	13926B_HC_RD_20210413	04/13/2021	<5	<0.5	8.5
92534064	13926B_HC_RD_20210420	04/20/2021	<5	<0.5	8.6
92535409	13926B_HC_RD_20210427	04/27/2021	<5.0	<0.50	8.8
92536816	13926B_HC_RD_20210504	05/04/2021	<5.0	<0.5	9.7
92536817	DUP-1	05/04/2021	<5.0	<0.5	9.2
92538168	13926B_HC_RD_20210511	05/11/2021	<5	<0.5	8.3
92539517	13926B_HC_RD_202010518	05/18/2021	NA	<0.50	10
92540625	13926B_HC_RD_20210525	05/25/2021	<5	<0.5	9.0
92541583	13926B_HC_RD_20210601	06/01/2021	<5.0	<0.50	9.0
92543083	13926B_HC_RD_20210608	06/08/2021	<5.0	<0.50	8.6
92543084	DUP-1	06/08/2021	<5	<0.5	8.9
92544313	13926B_HC_RD_20210615	06/15/2021	<5	<0.5	9.9
92545592	13926B_HC_RD_20210622	06/22/2021	<5	<0.5	9.2
92546858	13926B_HC_RD_20210629	06/29/2021	<5.0	<0.50	8.8
92547782	13926B_HC_RD_20210706	07/06/2021	<5.0	<0.50	9.5
92549179	13926B_HC_RD_20210713	07/13/2021	<5.0	<0.50	9.0
92550630	13926B_HC_RD_20210720	07/20/2021	<5.0	<0.50	8.0

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92550622	DUP-1	07/20/2021	<5.0	<0.50	8.4
92551862	13926B_HC_RD_20210727	07/27/2021	<5.0	<0.50	8.6
92553044	13926B_HC_RD_20210803	08/03/2021	<5.0	<0.5	7.7
92554504	13926B_HC_RD_20210810	08/10/2021	<5.0	<0.5	9.5
92492031	13937_AC_Rd	08/21/2020	<5.0	<0.50	<0.50
92492463	13937_AC_Rd	08/25/2020	<5.0	<0.50	<0.50
92494129	13937_AC_RD	09/03/2020	<5.0	<0.50	<0.50
92494126	FD-090320	09/03/2020	<0.50	<0.50	<0.50
92495051	13937_AC_RD	09/10/2020	<5.0	<0.50	<0.50
92495928	13937_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497405	13937_AC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92498536	13937_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92499667	13937_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92491152	13945_AC_Rd	08/17/2020	<5.0	<0.50	<0.50
92492461	13945_AC_Rd	08/25/2020	<5.0	<0.50	<0.50
92493888	13945_AC_RD	09/02/2020	<5.0	<0.50	<0.50
92495063	13945_AC_RD	09/10/2020	<5.0	<0.50	<0.50
92495935	13945_AC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497410	13945_AC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92498532	13945_AC_RD	10/01/2020	<5.0	<0.50	<0.50
92499669	13945_AC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500726	13945_AC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501817	DUP-1	10/22/2020	<5.0	<0.50	<0.50
92501807	13945_AC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502946	13945_AC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504280	13945_AC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506044	13945_AC_RD	11/12/2020	<5.0	<0.50	<0.50
92507397	13945_AC_RD	11/19/2020	<5.0	<0.50	<0.50
92508007	13945_AC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508713	13945_AC_Rd_20201201	12/01/2020	<5.0	<0.50	<0.50
92508822	DUP-1	12/01/2020	<0.50	<0.50	<0.50
92510208	13945_AC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50

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			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92525142	14000 LAWThER RD 20210302	03/02/2021	<5.0	<0.50	1.2
92491555	14015 ASBURY CHAPEL RD	08/18/2020	<5.0	<0.50	<0.50
92492468	14015 AC Rd	08/25/2020	<5.0	<0.50	1.5
92493886	14015 AC RD	09/02/2020	<5.0	<0.50	4.4
92495058	14015 AC RD	09/10/2020	<5.0	<0.50	<0.50
92495932	14015 AC RD 20200916	09/16/2020	<5.0	<0.50	<0.50
92497403	14015 AC RD 20200924	09/24/2020	<5.0	<0.50	<0.50
92498133	14015 AC RD 20200930	09/30/2020	<5.0	<0.50	<0.50
92499671	14015 AC RD 20201008	10/08/2020	<5.0	<0.50	<0.50
92499673	DUP-1	10/08/2020	<5.0	<0.50	<0.50
92500727	14015 AC RD 20201015	10/15/2020	<5.0	<0.50	<0.50
92501814	14015 AC RD 20201022	10/22/2020	<5.0	<0.50	<0.50
92502948	14015 AC RD 20201029	10/29/2020	<5.0	<0.50	<0.50
92504297	14015 AC RD 20201105	11/05/2020	<5.0	<0.50	<0.50
92504300	DUP-1	11/05/2020	<5.0	<0.50	<0.50
92506055	14015 AC RD	11/12/2020	<5.0	<0.50	<0.50
92506038	FD-111220	11/12/2020	<5.0	<0.50	<0.50
92491361	14024 Sims Rd	08/17/2020	<5.0	<0.50	<0.50
92492464	14024 Sims Rd	08/25/2020	<5.0	<0.50	<0.50
92494133	14024 SIMS RD	09/03/2020	<5.0	<0.50	<0.50
92525135	14024 SIMS RD 20210302	03/02/2021	<5.0	<0.50	<0.50
92493111	14037 Lawther Rd	08/30/2020	37.3	<0.50	<0.50
92495188	14037 LAWThER RD	09/11/2020	23.1	<0.50	<0.50
92491027	14108 HC Rd	08/15/2020	<5.0	<0.50	<0.50
92492688	14108 HC Rd	08/25/2020	<5.0	<0.50	<0.50
92491029	14226 HC Rd	08/16/2020	<5.0	<0.50	<0.50
92492685	14226 HC Rd	08/25/2020	<5.0	<0.50	<0.50
92493881	14226 HC RD	09/02/2020	<5.0	<0.50	<0.50
92493905	FD 09 02 20	09/02/2020	<5.0	<0.50	<0.50
92495187	14226 HC RD	09/11/2020	<5.0	<0.50	<0.50
92495193	FD-091120	09/11/2020	<5.0	<0.50	<0.50
92495934	14226 HC RD 20200916	09/16/2020	<5.0	<0.50	<0.50

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Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92497413	14226_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92497418	DUP-1	09/24/2020	<5.0	<0.50	<0.50
92498535	14226_HC_RD	10/01/2020	6.1	<0.50	<0.50
92499662	14226_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500723	14226_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501813	14226_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50
92502953	14226_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504286	14226_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506051	14226_HC_RD	11/12/2020	<5.0	<0.50	<0.50
92507396	14226_HC_RD	11/19/2020	<5.0	<0.50	<0.50
92508028	14226_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508021	DUP-1	11/24/2020	<5.0	<0.50	<0.50
92508835	14226_HC_RD_20201201	12/01/2020	<5.0	<0.50	<0.50
92510240	14226_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92510245	DUP-1	12/08/2020	<5.0	<0.50	<0.50
92511927	14226_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92513359	14226_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513988	14226_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92513991	DUP-1	12/29/2020	<5.0	<0.50	<0.50
92514751	14226_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516188	14226_HC_RD_20211112	01/12/2021	<5.0	<0.50	<0.50
92517237	14226_HC_RD_20211119	01/19/2021	NA	<0.50	<0.50
92518581	14226_HC_RD_20211126	01/26/2021	<5.0	<0.50	<0.50
92519752	14226_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92519734	Dup-1	02/02/2021	<5.0	<0.50	<0.50
92521102	14226_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50
92521104	DUP-1	02/09/2021	<5.0	<0.50	<0.50
92522445	14226_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50
92523584	14226_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50
92525132	14226_HC_RD_20210302	03/02/2021	<5.0	<0.50	<0.50
92526623	14226_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50
92527853	14226_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50

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NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92529174	14226_HC_RD_20210323	03/23/2021	<5	<0.5	<0.5
92530278	14226_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92527887	DUP-1	03/16/2021	<5.0	<0.50	<0.50
92531398	14226_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92532715	14226_HC_RD_20210413	04/13/2021	<5	<0.5	<0.5
92534061	14226_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5
92535397	14226_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50
92536809	14226_HC_RD_20210504	05/04/2021	<5	<0.5	<0.5
92538174	14226_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5
92538175	DUP-1	05/11/2021	<5	<0.5	<0.5
92539530	14226_HC_RD_20210518	05/18/2021	NA	<0.50	<0.50
92539530	14226_HC_RD_20210525	05/25/2021	<5	<0.5	<0.5
92541587	14226_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50
92543077	14226_HC_RD_20210608	06/08/2021	<5.0	<0.50	0.57
92544299	14226_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5
92545602	14226_HC_RD_20210622	06/22/2021	<5	<0.5	0.35J
92546853	14226_HC_RD_20210629	06/29/2021	<5.0	<0.50	<0.50
92547803	14226_HC_RD_20210706	07/06/2021	<5.0	<0.50	<0.50
92547763	DUP-1	07/06/2021	<5.0	<0.50	<0.50
92549176	14226_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50
92550627	14226_HC_RD_20210720	07/20/2021	<5.0	<0.50	<0.50
92551873	14226_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50
92551882	DUP-1	07/27/2021	<5.0	<0.50	<0.50
92553038	14226_HC_RD_20210803	08/03/2021	<5.0	<0.50	<0.50
92554456	14226_HC_RD_20210810	08/10/2021	8.8	<0.5	<0.50
92495192	14401_HC_RD	09/11/2020	<5.0	<0.50	<0.50
92495926	14401_HC_RD_20200916	09/16/2020	<5.0	<0.50	<0.50
92497414	14401_HC_RD_20200924	09/24/2020	<5.0	<0.50	<0.50
92498534	14401_HC_RD	10/01/2020	<5.0	<0.50	<0.50
92499663	14401_HC_RD_20201008	10/08/2020	<5.0	<0.50	<0.50
92500730	14401_HC_RD_20201015	10/15/2020	<5.0	<0.50	<0.50
92501803	14401_HC_RD_20201022	10/22/2020	<5.0	<0.50	<0.50

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Lab Report Number	Sample ID	Sample Date			
			Lead	Bromodichloromethane	Chloroform
			NCAC 2L	15	0.6
IMAC Standards			--	--	--
92502940	14401_HC_RD_20201029	10/29/2020	<5.0	<0.50	<0.50
92504290	14401_HC_RD_20201105	11/05/2020	<5.0	<0.50	<0.50
92506047	14401_HC_RD	11/12/2020	<5.0	<0.50	<0.50
92507394	14401_HC_RD	11/19/2020	<5.0	<0.50	<0.50
92508004	14401_HC_RD_20201124	11/24/2020	<5.0	<0.50	<0.50
92508717	14401_HC_RD_20201201	12/01/2020	5.8	<0.50	<0.50
92510211	14401_HC_RD_20201208	12/08/2020	<5.0	<0.50	<0.50
92512045	14401_HC_RD_20201215	12/15/2020	<5.0	<0.50	<0.50
92513372	14401_HC_RD_20201222	12/22/2020	<5.0	<0.50	<0.50
92513342	Dup-1	12/22/2020	<5.0	<0.50	<0.50
92513981	14401_HC_RD_20201229	12/29/2020	<5.0	<0.50	<0.50
92514759	14401_HC_RD_20210105	01/05/2021	<5.0	<0.50	<0.50
92516197	14401_HC_RD_20211112	01/12/2021	<5.0	<0.50	<0.50
92517232	14401_HC_RD_20211119	01/19/2021	<5.0	<0.50	<0.50
92518569	14401_HC_RD_20211126	01/26/2021	<5.0	<0.50	<0.50
92518564	DUP-1	01/26/2021	<5.0	<0.50	<0.50
92519739	14401_HC_RD_20210202	02/02/2021	<5.0	<0.50	<0.50
92521093	14401_HC_RD_20210209	02/09/2021	<5.0	<0.50	<0.50
92522431	14401_HC_RD_20210216	02/16/2021	<5.0	<0.50	<0.50
92523581	14401_HC_RD_20210223	02/23/2021	<5.0	<0.50	<0.50
92525134	14401_HC_RD_20210302	03/02/2021	10.4	<0.50	<0.50
92526626	14401_HC_RD_20210309	03/09/2021	<5.0	<0.50	<0.50
92526621	DUP-1	03/09/2021	<5.0	<0.50	<0.50
92527871	14401_HC_RD_20210316	03/16/2021	<5.0	<0.50	<0.50
92527871	14401_HC_RD_20210316	03/16/2021	<5	<0.5	<0.5
92529145	14401_HC_RD_20210323	03/23/2021	5.5	<0.5	<0.5
92530273	14401_HC_RD_20210330	03/30/2021	<5	<0.5	<0.5
92531400	14401_HC_RD_20210406	04/06/2021	<5.0	<0.50	<0.50
92532719	14401_HC_RD_20210413	04/13/2021	20.4	<0.5	<0.5
92534072	14401_HC_RD_20210420	04/20/2021	<5	<0.5	<0.5
92535399	14401_HC_RD_20210427	04/27/2021	<5.0	<0.50	<0.50
92536814	14401_HC_RD_20210504	05/04/2021	5.1	<0.5	<0.5

Table 7
Summary of Water Supply Well Sampling Results

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

			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92538161	14401_HC_RD_20210511	05/11/2021	<5	<0.5	<0.5
92539519	14401_HC_RD_20210518	05/18/2021	<5.0	<0.50	<0.50
92540621	14401_HC_RD_20210525	05/25/2021	<5	<0.5	<0.5
92541589	14401_HC_RD_20210601	06/01/2021	<5.0	<0.50	<0.50
92543081	14401_HC_RD_20210608	06/08/2021	<5.0	<0.50	<0.50
92544312	14401_HC_RD_20210615	06/15/2021	<5	<0.5	<0.5
92545598	14401_HC_RD_20210622	06/22/2021	<5	<0.5	<0.5
92546850	14401_HC_RD_20210629	06/29/2021	<5.0	<0.50	<0.50
92546846	Dup-1	06/29/2021	<5.0	<0.50	<0.50
92547811	14401_HC_RD_20210706	07/06/2021	<5.0	<0.50	<0.50
92549171	14401_HC_RD_20210713	07/13/2021	<5.0	<0.50	<0.50
92550626	14401_HC_RD_20210720	07/20/2021	<5.0	<0.50	<0.50
92551854	14401_HC_RD_20210727	07/27/2021	<5.0	<0.50	<0.50
92553032	14401_HC_RD_20210803	08/03/2021	<5.0	<0.5	<0.50
92554497	14401_HC_RD_20210810	08/10/2021	<5.0	<0.5	<0.50
92554531	Dup-1_20210810	08/10/2021	<5	<0.5	<0.5
92492048	15104_PL_Dr	08/22/2020	NA	NA	NA
92492044	15110_PL_Dr	08/22/2020	NA	NA	NA
92492047	15120_PL_Dr	08/22/2020	NA	NA	NA
92492046	15128_PL_Dr	08/22/2020	NA	NA	NA
92492045	15136_PL_Dr	08/22/2020	NA	NA	NA
92491031	16366_HC_Rd	08/16/2020	<5.0	<0.50	<0.50
92492689	HOA_Lawn	08/26/2020	<5.0	<0.50	<0.50
92492686	FD1_08262020	08/26/2020	<5.0	<0.50	<0.50
92493898	HOA_LAWN	09/02/2020	<5.0	<0.50	<0.50
92495066	HOA_LAWN	09/10/2020	<5.0	<0.50	<0.50

Table 7
Summary of Water Supply Well Sampling Results

Colonial Pipeline Company
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Huntersville, North Carolina

			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
QC Data					
92497418	FB-1	09/24/2020	<5.0	<0.50	<0.50
92492469	Field Blank	08/25/2020	<5.0	<0.50	<0.50
92492905	Field Blank	08/27/2020	<5.0	<0.50	<0.50
92492033	Field Blank	08/21/2020	<5.0	NA	NA
92492686	Field Blank	08/26/2020	<5.0	<0.50	<0.50
92493905	Field Blank	09/02/2020	<5.0	<0.50	<0.50
92494126	Field Blank	09/03/2020	<0.50	<0.50	<0.50
92495069	FIELD BLANK	09/10/2020	<5.0	<0.50	<0.50
92495193	FIELD BLANK	09/11/2020	<5.0	<0.50	<0.50
92495930	Field Blank 09-16-2020	09/16/2020	<5.0	<0.50	<0.50
92491368	FIELD BLANK_1	08/17/2020	<5.0	<0.50	<0.50
92499673	FB-1	10/08/2020	<5.0	<0.50	<0.50
92500731	FB-1	10/15/2020	<5.0	<0.50	<0.50
92501817	FB-1	10/22/2020	<5.0	<0.50	<0.50
92502957	FB-1	10/29/2020	<5.0	<0.50	<0.50
92504300	FB-1	11/05/2020	<5.0	<0.50	<0.50
92506038	Field Blank	11/12/2020	<5.0	<0.50	<0.50
92507391	Field Blank	11/19/2020	<5.0	<0.50	<0.50
92508021	FB-1	11/24/2020	<5.0	<0.50	<0.50
92508822	FB-1	12/01/2020	<0.50	<0.50	<0.50
92510245	FB-1	12/08/2020	<5.0	<0.50	<0.50
92512046	FB-1	12/15/2020	<5.0	<0.50	<0.50
92513342	FB-1	12/22/2020	<5.0	<0.50	<0.50
92513991	FB-1	12/29/2020	<5.0	<0.50	<0.50
92514760	FB-1	01/05/2021	<5.0	<0.50	<0.50
92516192	FB-1	01/12/2021	<5.0	<0.50	<0.50
92517218	FB-1	01/19/2021	<5.0	<0.50	<0.50
92518564	FB-1	01/26/2021	<5.0	<0.50	<0.50
92519734	FB-1	02/02/2021	<5.0	<0.50	<0.50
92521104	FB-1	02/09/2021	<5.0	<0.50	<0.50
92522438	FB-1	02/16/2021	<5.0	<0.50	<0.50

Table 7
Summary of Water Supply Well Sampling Results

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

			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92523574	FB-1	02/23/2021	<5.0	<0.50	<0.50
92525144	FB-1	03/02/2021	<5.0	<0.50	<0.50
92526621	FB-1	03/09/2021	<5.0	<0.50	<0.50
92527887	FB-1	03/16/2021	<5.0	<0.50	<0.50
92530286	FB-1	03/30/2021	<5.0	<0.50	<0.50
92531397	FB-1	04/06/2021	<5.0	<0.50	<0.50
92535408	FB-1	04/27/2021	<5.0	<0.50	<0.50
92536817	FB-1	05/04/2021	<5.0	<0.5	<0.50
92538175	FB-1	05/11/2021	<5	<0.5	<0.5
92539533	FB-1	05/18/2021	<5.0	<0.50	<0.50
92540633	FB-1	05/25/2021	<5	<0.5	<0.5
92541599	FB-1	06/01/2021	<5.0	<0.50	<0.50
92543084	FB-1	06/08/2021	<5.0	<0.50	<0.50
92545591	FB-1	06/22/2021	<5	<0.5	<0.5
92546846	FB-1	06/29/2021	<5.0	<0.50	<0.50
92547763	FB-1	07/06/2021	<5.0	<0.50	<0.50
92549163	FB-1	07/13/2021	<5.0	<0.50	<0.50
92550622	FB-1	07/20/2021	<5.0	<0.50	<0.50
92551882	FB-1	07/27/2021	<5.0	<0.50	<0.50
92553048	FB-1	08/03/2021	<5.0	<0.5	<0.50
92554531	FB-1	08/10/2021	<5	<0.5	<0.5
92492469	Trip Blank	08/25/2020	NA	<0.50	<0.50
92492905	Trip Blank	08/27/2020	NA	<0.50	<0.50
92491368	TRIP_BLANK	08/17/2020	NA	<0.50	<0.50
92491387	TRIP_BLANK	08/18/2020	NA	<0.50	<0.50
92491555	TRIP_BLANK	08/18/2020	NA	<0.50	<0.50
92492033	Trip_Blank	08/21/2020	NA	NA	<0.50
92493111	Trip_Blank	08/30/2020	NA	<0.50	<0.50
92493905	Trip_Blank	09/02/2020	NA	<0.50	<0.50
92494126	Trip_Blank	09/03/2020	NA	<0.50	<0.50
92495069	TRIP_BLANK	09/10/2020	NA	<0.50	<0.50
92495193	TRIP BLANK	09/11/2020	NA	<0.50	<0.50

Table 7
Summary of Water Supply Well Sampling Results

Colonial Pipeline Company
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Huntersville, North Carolina

			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92495930	Trip_Blank	09/16/2020	NA	<0.50	<0.50
92497418	Trip_Blank	09/24/2020	NA	<0.50	<0.50
92499673	TRIP BLANK	10/08/2020	NA	<0.50	<0.50
92500731	TRIP BLANK	10/15/2020	NA	<0.50	<0.50
92501817	TRIP BLANK	10/22/2020	NA	<0.50	<0.50
92502957	TRIP BLANK	10/29/2020	NA	<0.50	<0.50
92504300	TRIP BLANK	11/05/2020	NA	<0.50	<0.50
92506038	Trip Blank	11/12/2020	NA	<0.50	<0.50
92507391	Trip Blank	11/19/2020	NA	<0.50	<0.50
92508021	Trip Blank	11/24/2020	<5.0	<0.50	<0.50
92508822	Trip Blank	12/01/2020	NA	<0.50	<0.50
92510245	Trip Blank	12/08/2020	NA	<0.50	<0.50
92512046	Trip Blank	12/15/2020	NA	<0.50	<0.50
92513342	Trip Blank	12/22/2020	NA	<0.50	<0.50
92513991	Trip Blank	12/29/2020	NA	<0.50	<0.50
92514760	TRIP BLANK	01/05/2021	NA	<0.50	<0.50
92516192	Trip Blank	01/12/2021	NA	<0.50	<0.50
92517218	TRIP BLANK	01/19/2021	NA	<0.50	<0.50
92518564	Trip Blank	01/26/2021	NA	<0.50	<0.50
92519734	Trip Blank	02/02/2021	NA	<0.50	<0.50
92521104	Trip Blank	02/09/2021	NA	<0.50	<0.50
92522438	Trip Blank	02/16/2021	NA	<0.50	<0.50
92523574	Trip Blank	02/23/2021	NA	<0.50	<0.50
92525144	Trip Blank	03/02/2021	NA	<0.50	<0.50
92526621	Trip Blank	03/09/2021	NA	<0.50	<0.50
92527887	TRIP BLANK	03/16/2021	NA	<0.50	<0.50
92530286	Trip Blank	03/30/2021	NA	<0.50	<0.50
92531397	TRIP BLANK	04/06/2021	NA	<0.50	<0.50

Table 7
Summary of Water Supply Well Sampling Results

Colonial Pipeline Company
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Huntersville, North Carolina

			Metals (µg/L)	VOCs (µg/L)	
Lab Report Number	Sample ID	Sample Date	Lead	Bromodichloromethane	Chloroform
NCAC 2L			15	0.6	70
IMAC Standards			--	--	--
92535408	TRIP BLANK	04/27/2021	NA	<0.50	<0.50
92536817	Trip Blank	05/04/2021	N/A	<0.5	<0.5
92538175	TRIP BLANK	05/11/2021	N/A	<0.5	<0.5
92539533	TRIP BLANK	05/18/2021	NA	<0.50	<0.50
92540633	TRIP BLANK	05/25/2021	N/A	<0.5	<0.5
92541599	Trip Blank	06/01/2021	NA	<0.50	<0.50
92543084	Trip Blank	06/08/2021	NA	<0.50	<0.50
92545591	TRIP BLANK	06/22/2021	NA	<0.5	<0.5
92546846	Trip Blank	06/29/2021	NA	<0.50	<0.50
92547763	TRIP BLANK	07/06/2021	NA	<0.50	<0.50
92549163	Trip Blank	07/13/2021	N/A	<0.50	<0.50
92550622	Trip Blank	07/20/2021	N/A	<0.50	<0.50
92551882	Trip Blank	07/27/2021	N/A	<0.50	<0.50
92553048	TRIP BLANK	08/03/2021	N/A	<0.5	<0.50
92554531	Trip Blank	08/10/2021	N/A	<0.5	<0.5

Notes:

NA - Not Analyzed

ID - Identification

All units reported in micrograms per liter (µg/L)

Only detected constituents are shown

MADEP - Massachusetts Department of Environmental Protection; as required by North Carolina Department of Environmental Quality

Lead - Analyzed by Method 6010D

VOCs - Volatile Organic Compounds, analyzed by Method SM 6200B

Samples beginning with "FD", "Field_Duplicate" and "DUP" are field duplicates and co-samples of the preceeding row

Shading indicates a detection greater than the NCAC 2L Groundwater Standard

Bold text indicates a detection greater than the laboratory reporting limit

Table 8
Water Supply Well Receptor Information

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

Well # / Receptor ID	Type	Contact Name	Own/ User/ Both	Contact Phone #	Street Address for Receptor	Receptor Description and Location Details	Latitude / Longitude (Decimal Degrees)	Source Status & Use	Distance from source (ft)	Up- or Down- Gradient (if Known)
13712_HC_RD	N/A	PEGLER	BOTH	N/A	13712 HUNTERSVILLE-CONCORD RD	Single-Family	35.41270, -80.81165	Inactive	>1500	N/A
13800_HC_RD	N/A	MARLOWE	BOTH	N/A	13800 HUNTERSVILLE-CONCORD RD	Single-Family	35.41253, -80.81075	Inactive	<1500	N/A
13822_HC_RD	N/A	RANSON	BOTH	N/A	13822 HUNTERSVILLE-CONCORD RD	Single-Family	35.41275, -80.80974	Inactive	<1500	N/A
13926A_HC_RD	N/A	WHITBY	OWN	N/A	13926 HUNTERSVILLE-CONCORD RD	Single-Family	35.41259, -80.80790	Potable Use	<1500	Down
13926B_HC_RD	N/A	WHITBY	OWN	N/A	13926 HUNTERSVILLE-CONCORD RD	Single-Family	35.41259, -80.80790	Non-Potable Use	<1500	Down
14108_HC_RD	N/A	SKINNER	OWN	N/A	14108 HUNTERSVILLE-CONCORD RD	Single-Family	35.41336, -80.80555	Abandoned	<1500	Down
14401_HC_RD	N/A	GRAY	BOTH	N/A	14401 HUNTERSVILLE-CONCORD RD	Single-Family	N/A	Potable Use	<1500	Down
14226_HC_RD	N/A	BROWN	BOTH	N/A	14226 HUNTERSVILLE-CONCORD RD	Agricultural, Commercial Production	N/A	Potable Use	<1500	N/A
14000_LAWTHER_RD	N/A	SHINN	BOTH	N/A	14000 LAWTHER RD	N/A	N/A	Inactive	<1500	N/A
13835_AC_RD	N/A	WARD	BOTH	N/A	13835 ASBURY CHAPEL RD	Single-Family	35.41056, -80.80553	Potable Use	<1500	Down
13923_AC_RD	N/A	BLOCH	BOTH	N/A	13923 ASBURY CHAPEL RD	Single-Family	N/A	Abandoned	<1500	Down
13945_AC_RD	N/A	PARKS	OWN	N/A	13945 ASBURY CHAPEL RD	Single-Family	35.41250, -80.80514	Abandoned	<1500	Down
14015_AC_RD	N/A	WALKER	BOTH	N/A	14015 ASBURY CHAPEL RD	Single-Family	35.41266, -80.80542	Abandoned	<1500	Down
13831_SIMS	N/A	KERN	BOTH	N/A	13831 SIMS RD	Single-Family	35.41107, -80.80028	Potable Use	>1500	Down
13901_SIMS	N/A	FEHR	BOTH	N/A	13901 SIMS RD	Single-Family	35.41242, -80.80050	Potable Use	>1500	Down
13920_SIMS	N/A	WEAVER	BOTH	N/A	13920 SIMS RD	Single-Family	35.41210, -80.79931	Potable Use	>1500	Down
14024_SIMS	N/A	WOODS	BOTH	N/A	14024 SIMS RD	Single-Family	35.41271, -80.79929	Potable Use	>1500	Down

Notes:
N/A = Data not available

Table 9
Summary of System One Operating Data

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

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

Table 9
Summary of System One Operating Data

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

Table 9
Summary of System One Operating Data

Colonial Pipeline Company
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Huntersville, North Carolina

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

Table 9
Summary of System One Operating Data

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

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (Hz)	Vacuum (inches of H ₂ O)
6/15/2021	6:55	JPS	1653	1574	-	NM	45.7	25
6/15/2021	15:20	JPS	1397	1333	-	NM	45.7	25
6/15/2021	17:29	JPS	1738	1648	-	NM	45.7	35
6/16/2021	6:52	JPS	1751	1657	-	NM	45.7	35
6/16/2021	15:55	JPS	1752	1655	-	NM	45.7	35
6/17/2021	6:45	JPS	1751	1654	-	NM	45.7	35
6/17/2021	13:41	JPS	1753	1656	-	NM	47.7	35
6/17/2021	17:10	JPS	1770	1668	-	NM	47.7	35
6/18/2021	9:02	JPS	1750	1617	-	NM	47.7	35
6/18/2021	11:25	MT	1754	1656	-	NM	45.7	35
6/18/2021	15:25	MT	1751	1659	-	NM	45.7	35
6/19/2021	7:25	MT	1760	1657	-	NM	45.7	35
6/19/2021	12:39	MT	1742	1652	-	NM	45.7	35
6/19/2021	15:35	MT	1745	1651	-	NM	45.7	35
6/20/2021	9:25	KZ	1752	1655	-	NM	45.7	35
6/20/2021	15:48	KZ	1766	1664	-	NM	45.7	35
6/21/2021	8:40	BC	1751	1652	-	NM	NM	35
6/21/2021	16:42	BC	1739	1651	-	NM	45.7	35
6/22/2021	7:30	BC	1756	1654	-	NM	45.7	35
6/22/2021	17:35	BC	1749	1650	-	NM	45.7	35
6/23/2021	7:36	BC	1685	1652	-	NM	45.7	35
6/23/2021	16:27	BC	1756	1656	-	NM	45.7	35
6/24/2021	8:34	BC	1756	1652	-	NM	45.7	35
6/24/2021	14:22	BC	1756	1657	-	NM	45.7	35
6/24/2021	16:45	BC	1757	1652	-	NM	45.7	35

Table 9
Summary of System One Operating Data

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (Hz)	Vacuum (inches of H ₂ O)
6/25/2021	9:30	BC	1733	1643	-	NM	45.7	35
6/25/2021	12:54	BC	1754	1653	-	NM	45.7	35
6/25/2021	15:50	BC	1755	1653	-	NM	45.7	35
6/25/2021	16:54	BC	1760	1656	-	NM	45.7	35
6/26/2021	8:01	BC	1757	1656	-	NM	45.7	35
6/26/2021	13:12	BC	1751	1651	-	NM	45.7	35
6/26/2021	16:27	BC	1759	1654	-	NM	45.7	35
6/27/2021	10:47	BC	1752	1653	-	NM	45.7	34
6/27/2021	16:00	BC	1737	1644	-	NM	45.7	34
6/28/2021	9:21	BC	1754	1650	-	NM	45.7	35
6/28/2021	16:00	BC	1412	1356	-	NM	45.7	35
6/28/2021	17:35	BC	1409	1380	-	NM	45.7	35
6/29/2021	11:16	BC	1441	1399	-	NM	45.7	35
6/29/2021	16:15	BC	1388	1285	-	NM	45.7	35
6/30/2021	8:52	BC	1523	1475	-	NM	45.7	35
7/3/2021	15:05	MT	1563	1510	-	NM	45.7	30
7/4/2021	8:50	KZ	1707	1615	-	NM	45.7	34
7/4/2021	15:40	KZ	1654	1566	-	NM	45.7	34
7/5/2021	8:25	KZ	1622	1543	-	NM	45.7	33
7/6/2021	11:05	JDS	1586	1524	-	40.0	82.2	34
7/6/2021	13:01	JDS	1646	1565	-	40.0	81.4	34
7/6/2021	16:00	JDS	1757	1651	-	70.1	81.0	34
7/7/2021	6:17	JPS	1748	16565	-	60.1	81.0	30
7/7/2021	8:43	JDS	1749	1653	-	57.1	82.6	30
7/7/2021	13:39	JDS	1757	1652	-	70.7	81.1	30

Table 9
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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (Hz)	Vacuum (inches of H ₂ O)
7/8/2021	6:53	BC	1760	1656	-	59.8	82.2	30
7/8/2021	8:05	JDS	1753	1654	-	61.8	82.3	30
7/8/2021	11:52	JDS	1746	1650	-	56.6	82.3	30
7/8/2021	16:13	JDS	1749	1649	-	57.0	81.1	30
7/9/2021	8:10	BC	1755	1650	-	61.4	82.6	30
7/9/2021	11:58	JDS	1761	1654	-	71.5	81.2	30
7/9/2021	15:47	JDS	1752	1650	-	63.9	82.4	31
7/10/2021	System offline 4.5 hours for O&M							
7/10/2021	12:48	BC	1771	1670	-	59.4	80.8	30
7/10/2021	14:56	BC	1746	1654	-	55.8	80.9	30
7/10/2021	16:01	JDS	1742	1645	-	51.2	80.2	30
7/11/2021	6:48	BC	1749	1654	-	54.1	82.2	30
7/11/2021	15:30	MT	1757	1650	-	62.5	79.9	30
7/12/2021	8:48	JDS	1744	1650	-	52.7	82.5	30
7/12/2021	12:31	MT	1744	1652	-	59.6	81.4	30
7/12/2021	15:15	MT	1758	1662	-	53.2	81.0	30
7/12/2021	16:39	JDS	1744	1644	-	56.4	80.8	30
7/13/2021	9:12	BC	1750	1655	-	61.2	81.0	30
7/13/2021	15:57	JDS	1401	1336	-	40.0	76.8	0
7/13/2021	16:02	BC	1403	1342	-	40.0	76.8	0
7/14/2021	9:14	BC	1404	1338	-	40.0	78.7	0
7/14/2021	13:36	BC	1400	1339	-	40.0	78.7	0
7/14/2021	17:13	BC	1407	1341	-	40.0	78.7	0
7/15/2021	10:55	BC	1693	1613	-	40.0	80.8	18
7/15/2021	16:35	BC	1713	1620	-	70.4	79.5	18
7/16/2021	7:52	BC	1624	1554	-	40.0	81.8	25
7/16/2021	10:48	BC	1754	1664	-	60.1	83.3	40
7/16/2021	16:50	BC	1749	1652	-	75.8	82.8	25

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (Hz)	Vacuum (inches of H ₂ O)
7/17/2021	10:58	KZ	1756	1660	-	56.3	81.6	25
7/17/2021	15:20	KZ	1754	1652	-	67.9	80.3	25
7/18/2021	9:35	KZ	1741	1649	-	47.9	82.3	25
7/18/2021	13:35	KZ	1748	1653	-	53.2	81.8	25
7/18/2021	16:45	KZ	1747	1652	-	60.3	80.9	25
7/19/2021	7:31	BC	1748	1656	-	55.4	81.0	25
7/19/2021	11:16	BC	1768	1677	-	84.4	81.1	25
7/20/2021	8:15	JDS	1761	1657	-	64.2	83.2	25
7/20/2021	12:31	JDS	1739	1651	-	83.3	83.0	30
7/20/2021	16:48	JDS	1759	1656	-	70.0	83.0	31
7/20/2021	System offline for O&M							
7/21/2021	10:52	JDS	1761	1656	-	71.2	83.5	30
7/21/2021	10:58	BC	1757	1656	-	70.0	83.2	35
7/21/2021	14:04	BC	1743	1652	-	80.4	82.2	30
7/21/2021	16:34	BC	1742	1651	-	54.2	82.1	30
7/22/2021	8:29	JDS	1748	1651	-	72.0	85.0	30
7/22/2021	12:19	BC	1773	1668	-	68.8	84.0	30
7/22/2021	16:46	BC	1759	1660	-	70.8	83.1	30
7/23/2021	7:43	BC	1746	1652	-	61.1	85.4	30
7/23/2021	11:44	JDS	1754	1657	-	59.6	84.1	29
7/23/2021	17:13	JDS	1759	1655	-	65.1	83.3	30
7/24/2021	7:48	JDS	1750	1655	-	62.9	85.1	32
7/24/2021	13:03	JDS	1745	1655	-	84.0	83.9	33
7/24/2021	16:02	CDR	1750	1655	-	82.6	84.9	30

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

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (Hz)	Vacuum (inches of H ₂ O)
8/3/2021	7:53	BC	1754	1656	5.0	63.7	87.7	30
8/3/2021	13:09	JDS	1746	1658	5.0	58.2	87.9	30
8/3/2021	16:52	JDS	1744	1650	5.0	47.7	86.1	30
8/4/2021	7:38	JDS	1751	1659	5.0	55.8	88.1	30
8/4/2021	12:29	JDS	1747	1656	5.0	46.8	82.1	30
8/4/2021	16:14	BC	1747	1554	5.0	57.2	86.5	30
8/5/2021	7:38	BC	1739	1646	5.0	52.7	88.2	30
8/5/2021	12:13	BC	1747	1654	5.0	68.6	86.9	30
8/5/2021	12:15	System offline for component replacement (pressure relief valve)						
8/5/2021	16:00	BC	1777	1694	5.0	96.9	61.7	30
8/5/2021	17:05	BC	1742	1651	5.0	77.0	60.1	25
8/6/2021	9:05	BC	1778	1688	5.0	88.1	63.3	30
8/6/2021	12:55	BC	1746	1657	5.0	95.4	61.8	30
8/6/2021	15:27	CDR	1741	1656	5.0	89.7	61.9	30
8/7/2021	7:36	JDS	1747	1646	5.0	89.1	63.9	30
8/7/2021	11:40	JDS	1743	1656	5.0	90.9	63.4	31
8/7/2021	15:35	CDR	1844	1747	5.0	100.0	62.9	35
8/8/2021	8:42	KZ	1790	1698	5.0	100.0	64.4	35
8/8/2021	12:36	CDR	1842	1741	5.0	100.0	63.3	35
8/8/2021	15:27	CDR	1833	1730	5.0	100.0	62.6	35
8/9/2021	6:45	MT	System offline for O&M					
8/12/2021	14:22	BC	1772	1679	5.0	74.1	66.7	30
8/12/2021	15:16	BC	1722	1624	5.0	82.4	65.9	25
8/12/2021	17:00	BC	1751	1657	5.0	66.1	65.5	25

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (Hz)	Vacuum (inches of H ₂ O)
8/13/2021	8:51	BC	1750	1656	5.0	72.5	67.3	25
8/13/2021	12:50	JDS	1741	1644	5.0	65.0	66.3	30
8/13/2021	16:32	JDS	1741	1654	5.0	95.2	62.3	30
8/14/2021	8:55	JPS	1749	1647	5.0	58.9	66.9	25
8/14/2021	12:16	CA	1745	1649	5.0	69.8	65.8	25
8/15/2021	7:32	KZ	1750	1656	5.0	69.4	67.8	25
8/15/2021	12:22	KZ	1764	1667	5.0	62.2	66.6	25
8/15/2021	15:53	KZ	1763	1669	5.0	77.6	66.3	25
8/16/2021	7:38	JOS	1749	1656	5.0	77.9	67.7	30
8/16/2021	11:53	JOS	1750	1657	5.0	70.3	67.1	30
8/16/2021	15:50	JOS	1741	1646	5.0	87.3	67.3	25
8/17/2021	7:34	JOS	1743	1651	5.0	80.3	68.1	25
8/17/2021	12:00	JOS	1575	1509	5.0	40.0	65.9	20
8/17/2021	17:11	JOS	1750	1653	5.0	73.9	66.4	25
8/18/2021	7:49	JOS	1746	1655	5.0	78.4	68.0	25
8/18/2021	11:27	JOS	1743	1650	5.0	81.1	67.4	25
8/18/2021	16:17	JOS	1738	1650	5.0	89.7	66.7	25
8/19/2021	7:55	BC	1740	1651	5.0	82.3	68.1	26
8/19/2021	13:01	JOS	1742	1653	5.0	89.8	66.6	25
8/19/2021	17:12	JOS	1741	1646	5.0	81.5	66.2	25
8/20/2021	8:34	JOS	1745	1653	5.0	69.7	68.1	25
8/20/2021	11:21	JOS	1749	1656	5.0	79.2	67.8	26
8/20/2021	System offline for O&M							
8/20/2021	16:42	JOS	1780	1700	5.0	40.0	65.3	22

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox VFD Speed (%)	Blower VFD Speed (Hz)	Vacuum (inches of H ₂ O)
8/21/2021	8:18	BC	1754	1655	5.0	45.6	68.0	22
8/21/2021	13:18	JOS	1754	1665	5.0	88.2	67.0	27
8/21/2021	15:27	JOS	1752	1658	5.0	76.2	66.6	27
8/22/2021	7:55	KZ	1736	1647	5.0	82.4	68.4	27
8/22/2021	12:55	KZ	1739	1652	5.0	92.4	66.9	27
8/22/2021	16:13	KZ	1735	1652	5.0	94.9	66.5	27
8/22/2021	17:05	KZ	1728	1632	5.0	79.2	65.9	25
8/23/2021	7:38	BC	1744	1654	5.0	85.0	67.9	25
8/23/2021	12:41	BC	1742	1651	5.0	71.5	66.2	25
8/23/2021	16:51	JOS	1748	1654	5.0	69.1	66.4	25

Notes:

Deg. F - Degrees farenheight

Flame Ox - Flame oxidation unit

O&M - Operation and Maintenance

VFD - Variable frequency drive

% - Percent

Hz - Hertz

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

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
3/3/2021	System offline for monthly gauging									
3/4/2021										
3/5/2021										
3/6/2021	System operational									
To										
3/26/2021										
3/27/2021	System offline for component replacement (Catalytic Oxidizer with FlameOx)									
To										
5/11/2021										
5/12/2021	System operational									
5/13/2021										
5/14/2021										
5/15/2021	System offline 24 hours for pump optimization									
5/16/2021										
To										
5/24/2021	System operational									
5/25/2021										
5/26/2021										
5/27/2021	System offline for monthly gauging									
5/28/2021										
To										
6/7/2021	System operational									
6/8/2021										
6/9/2021										
6/10/2021	System offline 32 hours for pump optimization									
To										
6/14/2021										

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Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
6/15/2021	System offline 17 hours for pump optimization and piping modifications									
6/15/2021	6:50	JPS	1524	1383	-	-	NM	48.3	-	6
6/15/2021	System offline 1.5 hours for O&M									
6/15/2021	16:20	JPS	1406	1310	-	-	NM	NM	-	5.5
6/15/2021	16:28	JPS	1410	1317	-	-	NM	57.9	-	6.5
6/16/2021	6:45	JPS	1395	1304	-	-	NM	58.8	-	6.5
6/16/2021	13:20	JPS	1395	1312	-	-	NM	58.8	-	6.5
6/17/2021	7:55	JPS	1400	1303	-	-	NM	59.0	-	7
6/17/2021	13:55	JPS	1397	1300	-	-	NM	59.0	-	7
6/17/2021	17:21	JPS	1393	1303	-	-	NM	59.0	-	7
6/18/2021	8:52	JPS	1400	1307	-	-	NM	71.0	-	8.5
6/18/2021	11:00	MT	1395	1308	-	-	NM	68.8	-	8.5
6/18/2021	15:15	MT	1393	1301	-	-	NM	69.8	-	8.5
6/19/2021	7:05	MT	1401	1306	-	-	NM	70.5	-	8.8
6/19/2021	13:00	MT	1393	1302	-	-	NM	69.9	-	8.8
6/19/2021	15:30	MT	1398	1309	-	-	NM	69.1	-	8.5
6/20/2021	10:10	KZ	1393	1300	-	-	NM	70.7	-	9
6/20/2021	16:48	KZ	1397	1304	-	-	NM	70.1	-	9
6/20/2021	System offline 4.25 hours for O&M									
6/21/2021	16:00	BC	1480	1616	-	-	NM	65.8	-	8.5
6/21/2021	System offline 0.5 hour for O&M									
6/21/2021	18:40	JPS	1424	1345	-	-	NM	65.8	-	8
6/22/2021	9:00	BC	1651	1518	-	-	NM	65.9	-	8
6/23/2021	12:30	BC	1842	1640	-	-	NM	65.8	-	7
6/23/2021	16:45	BC	1691	1516	-	-	NM	65.9	-	7
6/23/2021	System offline 1.25 hours for O&M									
6/23/2021	19:25	JPS	1700	1586	-	-	NM	27.8	-	7.5

Table 10
Summary of System Two Operating Data

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

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

Table 10
Summary of System Two Operating Data

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

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
7/6/2021	8:20	JS	1700	1526	-	-	NM	69.9	-	8.25
7/6/2021	8:29	CA	1697	1548	-	-	NM	69.8	-	8.25
7/6/2021	10:55	JDS	1692	1533	-	-	35	67.3	-	8.2
7/6/2021	12:34	JDS	1709	1542	-	-	35	66.7	-	8.1
7/6/2021	16:00	JDS	1700	1524	-	-	35	66.7	-	8.1
7/7/2021	8:25	JDS	1703	1527	-	-	35	68.1	-	8.1
7/7/2021	13:33	JDS	1709	1533	-	-	35	67.9	-	8.1
7/8/2021	6:47	JDS	1749	1650	-	-	35	70.6	-	8.8
7/8/2021	8:45	BC	1755	1563	-	-	35	70.7	-	8.8
7/8/2021	11:54	JDS	1708	1525	-	-	35	72.7	-	8.8
7/8/2021	16:06	JDS	1702	1524	-	-	35	67.3	-	8.1
7/9/2021	8:27	BC	1704	1516	-	-	35	68.8	-	8
7/9/2021	11:57	BC	1736	1539	-	-	35	68.9	-	8
7/9/2021	17:14	JDS	1709	1525	-	-	35	68.4	-	8.4
7/10/2021	6:45	JDS	1703	1526	-	-	35	68.8	-	8.1
7/10/2021	System offline 4 hours for O&M									
7/10/2021	13:15	BC	1694	1539	-	-	35	59.8	-	7
7/10/2021	14:35	BC	1696	1519	-	-	35	59.8	-	8
7/10/2021	16:18	JDS	1707	1531	-	-	35	67.3	-	8
7/11/2021	6:45	MT	1693	1529	-	-	35	68.4	-	8.2
7/11/2021	15:20	MT	1703	1527	-	-	35	68.1	-	8
7/12/2021	7:55	JDS	1701	1515	-	-	35	68.6	-	8.2
7/12/2021	13:00	BC	1706	1532	-	-	35	68.7	-	8.2
7/12/2021	15:10	BC	1709	1529	-	-	35	67.0	-	8
7/12/2021	16:33	JDS	1697	1527	-	-	35	67.5	-	8.1
7/13/2021	9:07	BC	1705	1530	-	-	35	68.0	-	8.1
7/13/2021	13:50	JDS	1400	1301	-	-	35	26.0	-	0

Table 10
Summary of System Two Operating Data

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

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
7/14/2021	9:10	BC	1391	1288	-	-	35	28.4	-	0
7/14/2021	13:30	BC	1399	1299	-	-	35	28.4	-	0
7/14/2021	17:15	JDS	1410	1304	-	-	35	32.6	-	1
7/14/2021	System offline 19 hours for O&M									
7/15/2021	13:35	BC	1710	1528	-	-	35	40.9	-	4
7/15/2021	System offline 0.5 hour for O&M									
7/15/2021	16:42	BC	1617	1449	-	-	35	45.2	-	5
7/16/2021	8:27	BC	1524	1347	-	-	35	44.6	-	5
7/16/2021	13:10	BC	1618	1457	-	-	35	41.5	-	5
7/16/2021	16:53	BC	1553	1404	-	-	35	42.1	-	5
7/17/2021	11:30	KZ	1598	1443	-	-	35	41.4	-	5
7/17/2021	15:30	KZ	1598	1418	-	-	35	41.0	-	5
7/18/2021	9:28	KZ	1539	1377	-	-	35	43.5	-	5
7/18/2021	13:30	KZ	1451	1295	-	-	35	43.3	-	5
7/18/2021	13:45	KZ	1528	1389	-	-	35	43.3	-	6
7/18/2021	16:50	KZ	1701	1515	-	-	35	49.9	-	6
7/19/2021	6:57	BC	1704	1516	-	-	35	50.6	-	5.5
7/19/2021	11:20	BC	1522	1373	-	-	35	51.2	-	5.5
7/19/2021	System offline 9.5 hours for O&M									
7/20/2021	8:27	JDS	1693	1534	-	-	35	51.2	-	5.5
7/20/2021	12:24	JDS	1648	1486	-	-	35	49.1	-	6
7/20/2021	16:40	JDS	1646	1482	-	-	35	49.7	-	6
7/21/2021	10:47	BC	1669	1480	-	-	35	49.7	-	6
7/21/2021	14:00	BC	1687	1519	-	-	35	49.8	-	6
7/21/2021	17:04	BC	1690	1516	-	-	35	49.7	-	6
7/22/2021	6:59	BC	1674	1510	-	-	35	50.8	-	6
7/22/2021	12:30	JDS	1689	1526	-	-	35	48.2	-	5.8
7/22/2021	17:05	JDS	1690	1519	-	-	35	48.8	-	5.8
7/23/2021	7:56	BC	1650	1484	-	-	35	49.6	-	5.8

Table 10
Summary of System Two Operating Data

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

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
7/23/2021	10:40	BC	1658	1509	-	-	35	48.5	-	5.8
7/23/2021	16:31	JDS	1679	1511	-	-	35	47.9	-	5.8
7/24/2021	8:04	JDS	1699	1517	-	-	35	48.3	-	5.8
7/24/2021	13:17	JDS	1695	1515	-	-	35	48.4	-	5.8
7/24/2021	16:17	CDR	1739	1546	-	-	35	48.0	-	5.6
7/25/2021	8:44	CDR	1701	1496	-	-	35	43.9	-	7.6
7/25/2021	13:20	KZ	1660	1495	-	-	35	48.3	-	6
7/25/2021	16:01	KZ	1694	1523	-	-	35	48.0	-	6
7/26/2021	7:33	BC	1663	1492	-	-	35	49.1	-	5.8
7/26/2021	12:55	JDS	1516	1358	-	-	35	49.1	-	6
7/26/2021	16:14	JDS	1478	1348	-	-	35	49.8	-	6
7/27/2021	6:47	JDS	1436	1309	-	-	35	51.6	-	6
7/27/2021	12:38	JDS	1400	1274	-	-	35	30.1	-	5.2
7/27/2021	System offline 1 hour for O&M									
7/27/2021	17:03	BC	1402	1317	-	-	35	48.9	-	5.5
7/28/2021	7:57	JOS	1397	1321	-	-	65	50.0	-	5.8
7/28/2021	13:58	BC	1558	1415	-	-	35	47.0	-	6
7/28/2021	16:17	JOS	1582	1428	-	-	35	47.4	-	5.8
7/29/2021	7:50	BC	1549	1400	-	-	35	48.6	-	5.5
7/29/2021	11:36	JOS	1603	1436	-	-	35	47.5	-	5.5
7/29/2021	17:06	BC	1593	1437	-	-	35	47.2	-	5.5
7/30/2021	8:08	BC	1563	1410	-	-	35	48.1	-	5.5
7/30/2021	12:07	BC	1599	1443	-	-	35	48.2	-	5.5
7/30/2021	16:17	JOS	1663	1490	-	-	35	47.1	-	5.5
7/31/2021	7:31	JOS	1625	1472	-	-	35	48.7	-	5.8
7/31/2021	11:41	JOS	1598	1452	-	-	35	47.7	-	5.7
7/31/2021	16:01	CDR	1603	1441	-	-	35	47.2	-	5.7

Table 10
Summary of System Two Operating Data

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

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
8/1/2021	7:34	CDR	1576	1430	-	-	35	48.4	-	7.1
8/1/2021	13:40	KZ	1643	1478	-	-	35	46.9	-	5.5
8/1/2021	16:55	KZ	1621	1462	-	-	35	47.5	-	5.5
8/2/2021	8:08	JOS	1625	1770	-	-	35	48.8	-	5.5
8/2/2021	12:08	JOS	1617	1468	-	-	35	47.7	-	5.6
8/2/2021	17:01	JOS	1603	1454	-	-	35	47.5	-	5.5
8/3/2021	7:47	BC	1564	1420	5.0	21.3	35	48.8	-	5.5
8/3/2021	13:00	JOS	1530	1400	5.0	22.9	35	48.6	-	5.7
8/3/2021	16:45	JOS	1542	1404	5.0	22.9	35	47.8	-	6.1
8/4/2021	7:39	JOS	1531	1400	5.0	22.9	35	49.0	-	6.2
8/4/2021	12:30	JOS	1537	1401	5.0	22.9	35	48.4	-	6.15
8/4/2021	16:53	BC	1507	1357	5.0	-	35	47.8	83	-
8/5/2021	8:08	BC	1496	1363	5.0	-	35	48.8	86	-
8/5/2021	14:25	BC	1530	1382	5.0	-	35	47.4	86	-
8/5/2021	17:02	BC	1542	1396	5.0	-	35	47.2	84	-
8/6/2021	9:01	BC	1476	1351	5.0	-	35	48.4	85	-
8/6/2021	15:41	CDR	1395	1275	5.0	-	35	39.8	-	7.5
8/7/2021	7:26	JOS	1432	1323	5.0	-	35	41.0	59	-
8/7/2021	11:46	JOS	1451	1330	5.0	-	35	40.4	63	-
8/7/2021	16:22	CDR	1465	1305	5.0	-	35	39.9	-	6
8/8/2021	9:17	CDR	1517	1397	5.0	-	35	40.9	-	7.5
8/8/2021	13:10	KZ	1454	1334	5.0	-	35	39.6	64	4.8
8/8/2021	16:00	CDR	1465	1327	5.0	-	35	39.6	-	7.3
8/9/2021	9:20	JOS	1438	1313	5.0	-	35	40.5	66	-
8/9/2021	11:30	JOS	1435	1285	5.0	-	35	39.7	62	-
8/9/2021	16:08	JOS	1447	1312	5.0	-	35	39.9	63	-
8/10/2021	8:05	BC	1434	1313	5.0	-	35	46.9	73	-
8/10/2021	11:31	JOS	1466	1337	5.0	-	35	45.8	78	-
8/10/2021	16:15	CDR	1497	1369	5.0	-	35	45.5	74	-

Table 10
Summary of System Two Operating Data

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

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
8/11/2021	9:33	BC	1468	1337	5.0	-	35	46.3	76	-
8/11/2021	12:59	JOS	1459	1340	5.0	-	35	45.8	78	-
8/11/2021	17:09	JOS	1500	1367	5.0	-	35	45.5	78	-
8/12/2021	6:56	JOS	1452	1327	5.0	-	35	46.8	78	-
8/12/2021	14:40	BC	1478	1330	5.0	-	35	47.1	76	-
8/12/2021	17:07	BC	1481	1329	5.0	-	35	47.2	76	-
8/13/2021	8:37	BC	1397	1273	5.0	-	35	46.9	78	-
8/13/2021	12:29	JOS	1401	1283	5.0	-	35	46.1	78	-
8/13/2021	16:30	BC	1401	1276	5.0	-	35	46.2	78	-
8/14/2021	8:50	JPS	1496	1359	5.0	-	35	46.5	78	-
8/14/2021	12:33	CA	1501	1380	5.0	-	35	45.6	74	-
8/15/2021	7:50	KZ	1481	1366	5.0	-	35	46.9	74	-
8/15/2021	12:26	KZ	1486	1360	5.0	-	35	46.0	71	-
8/16/2021	7:38	BC	1492	1364	5.0	-	35	46.8	76	-
8/16/2021	13:35	JOS	1491	1365	5.0	-	35	45.9	76	-
8/16/2021	15:41	JOS	1511	1361	5.0	-	35	46.4	74	-
8/17/2021	7:23	JOS	1479	1361	5.0	-	35	46.8	78	-
8/17/2021	17:03	JOS	1487	1366	5.0	-	35	46.4	78	-
8/18/2021	8:04	JOS	1491	1356	5.0	-	35	47.9	78	-
8/18/2021	System offline 0.5 hour for O&M									
8/18/2021	11:20	JOS	1448	1310	5.0	-	35	46.6	78	-
8/18/2021	16:41	BC	1478	1337	5.0	-	35	55.8	98	-
8/19/2021	7:48	BC	1446	1322	5.0	-	35	57.3	103	-
8/19/2021	12:52	JOS	1486	1357	5.0	-	35	55.4	100	-
8/19/2021	17:14	JOS	1476	1346	5.0	-	35	63.0	110	-
8/20/2021	8:25	JOS	1450	1337	5.0	-	35	64.5	118	-
8/20/2021	11:14	JOS	1470	1348	5.0	-	35	63.9	112	-
8/20/2021	17:05	BC	1490	1356	5.0	-	35	63.0	120	-

Table 10
Summary of System Two Operating Data

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

Date	Time	Initials	Inlet Temperature (Deg. F)	Outlet Temperature (Deg. F)	Signal (V)	Flame Ox Hz	Flame Ox VFD Speed (%)	Blower VFD Speed (%)	Vacuum (Inches of H ₂ O)	Vacuum (inches of Hg)
8/21/2021	8:14	BC	1503	1377	5.0	-	35	64.8	94	-
8/21/2021	13:23	JOS	1527	1392	5.0	-	35	63.0	114	-
8/21/2021	15:36	JOS	1540	1397	5.0	-	35	63.2	116	-
8/22/2021	8:10	KZ	1471	1346	5.0	-	35	64.5	116	-
8/22/2021	13:10	KZ	1506	1379	5.0	-	35	63.0	116	-
8/22/2021	16:52	KZ	1508	1376	5.0	-	35	63.0	116	-
8/23/2021	7:32	BC	1604	1446	5.0	-	35	64.8	116	-
8/23/2021	12:31	BC	1515	1378	5.0	-	35	62.7	116	-
8/23/2021	16:28	JOS	1511	1380	-	-	35	63.1	116	-

Notes:

Deg. F - Degrees farenheight

Flame Ox - Flame oxidation unit

O&M - Operation and Maintenance

VFD - Variable frequency drive

% - Percent

Hz - Hertz

APPENDIX A
LABORATORY ANALYTICAL REPORTS

July 26, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC HUNTERSVILLE/CPC21018
Pace Project No.: 92550329

Dear Andrew Street:

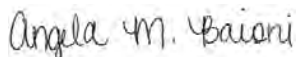
Enclosed are the analytical results for sample(s) received by the laboratory on July 19, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company

JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550329001	AEA1 0-2	Solid	07/17/21 10:00	07/19/21 17:35
92550329002	AEA1 16-18	Solid	07/17/21 10:05	07/19/21 17:35
92550329003	AEA1 32-34	Solid	07/17/21 10:10	07/19/21 17:35
92550329004	T6 0-2	Solid	07/17/21 14:10	07/19/21 17:35
92550329005	T6 22-24	Solid	07/17/21 14:15	07/19/21 17:35
92550329006	T8 0-2	Solid	07/17/21 16:05	07/19/21 17:35
92550329007	T8 4-6	Solid	07/17/21 16:10	07/19/21 17:35
92550329008	T8 32-34	Solid	07/17/21 16:15	07/19/21 17:35

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550329001	AEA1 0-2	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92550329002	AEA1 16-18	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92550329003	AEA1 32-34	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92550329004	T6 0-2	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92550329005	T6 22-24	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92550329006	T8 0-2	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92550329007	T8 4-6	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92550329008	T8 32-34	MADEP VPH	CL	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: AEA1 0-2 **Lab ID:** 92550329001 **Collected:** 07/17/21 10:00 **Received:** 07/19/21 17:35 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	27.4	mg/kg	4.1	4.1	1	07/22/21 10:49	07/23/21 08:59		N2
Aliphatic (C05-C08)	ND	mg/kg	4.1	4.1	1	07/22/21 10:49	07/23/21 08:59		N2
Aliphatic(C09-C12) Adjusted	11.0	mg/kg	4.1	4.1	1	07/22/21 10:49	07/23/21 08:59		N2
Aromatic (C09-C10)	12.9	mg/kg	4.1	4.1	1	07/22/21 10:49	07/23/21 08:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	109	%	70-130		1	07/22/21 10:49	07/23/21 08:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	94	%	70-130		1	07/22/21 10:49	07/23/21 08:59	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	174	55.8	1	07/22/21 12:13	07/23/21 07:09	67-64-1	
Benzene	ND	ug/kg	8.7	3.5	1	07/22/21 12:13	07/23/21 07:09	71-43-2	
Bromobenzene	ND	ug/kg	8.7	2.8	1	07/22/21 12:13	07/23/21 07:09	108-86-1	
Bromochloromethane	ND	ug/kg	8.7	2.6	1	07/22/21 12:13	07/23/21 07:09	74-97-5	
Bromodichloromethane	ND	ug/kg	8.7	3.4	1	07/22/21 12:13	07/23/21 07:09	75-27-4	
Bromoform	ND	ug/kg	8.7	3.1	1	07/22/21 12:13	07/23/21 07:09	75-25-2	
Bromomethane	ND	ug/kg	17.4	13.7	1	07/22/21 12:13	07/23/21 07:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	174	41.7	1	07/22/21 12:13	07/23/21 07:09	78-93-3	
n-Butylbenzene	ND	ug/kg	8.7	4.1	1	07/22/21 12:13	07/23/21 07:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.7	3.8	1	07/22/21 12:13	07/23/21 07:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.7	3.1	1	07/22/21 12:13	07/23/21 07:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.7	3.3	1	07/22/21 12:13	07/23/21 07:09	56-23-5	
Chlorobenzene	ND	ug/kg	8.7	1.7	1	07/22/21 12:13	07/23/21 07:09	108-90-7	
Chloroethane	ND	ug/kg	17.4	6.7	1	07/22/21 12:13	07/23/21 07:09	75-00-3	
Chloroform	ND	ug/kg	8.7	5.3	1	07/22/21 12:13	07/23/21 07:09	67-66-3	
Chloromethane	ND	ug/kg	17.4	7.3	1	07/22/21 12:13	07/23/21 07:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.7	3.1	1	07/22/21 12:13	07/23/21 07:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.7	1.5	1	07/22/21 12:13	07/23/21 07:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.7	3.4	1	07/22/21 12:13	07/23/21 07:09	96-12-8	
Dibromochloromethane	ND	ug/kg	8.7	4.9	1	07/22/21 12:13	07/23/21 07:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.7	3.8	1	07/22/21 12:13	07/23/21 07:09	106-93-4	
Dibromomethane	ND	ug/kg	8.7	1.9	1	07/22/21 12:13	07/23/21 07:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.7	3.1	1	07/22/21 12:13	07/23/21 07:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.7	2.7	1	07/22/21 12:13	07/23/21 07:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.7	2.3	1	07/22/21 12:13	07/23/21 07:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	17.4	3.8	1	07/22/21 12:13	07/23/21 07:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.7	3.6	1	07/22/21 12:13	07/23/21 07:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.7	5.8	1	07/22/21 12:13	07/23/21 07:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.7	3.6	1	07/22/21 12:13	07/23/21 07:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	07/22/21 12:13	07/23/21 07:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.7	3.0	1	07/22/21 12:13	07/23/21 07:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.7	2.6	1	07/22/21 12:13	07/23/21 07:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.7	2.7	1	07/22/21 12:13	07/23/21 07:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.7	2.8	1	07/22/21 12:13	07/23/21 07:09	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: AEA1 0-2 **Lab ID:** 92550329001 **Collected:** 07/17/21 10:00 **Received:** 07/19/21 17:35 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	8.7	4.2	1	07/22/21 12:13	07/23/21 07:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.7	2.4	1	07/22/21 12:13	07/23/21 07:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.7	3.0	1	07/22/21 12:13	07/23/21 07:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.7	2.3	1	07/22/21 12:13	07/23/21 07:09	108-20-3	
Ethylbenzene	ND	ug/kg	8.7	4.1	1	07/22/21 12:13	07/23/21 07:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	17.4	14.2	1	07/22/21 12:13	07/23/21 07:09	87-68-3	
2-Hexanone	ND	ug/kg	86.9	8.4	1	07/22/21 12:13	07/23/21 07:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.7	3.0	1	07/22/21 12:13	07/23/21 07:09	98-82-8	
p-Isopropyltoluene	140	ug/kg	8.7	4.3	1	07/22/21 12:13	07/23/21 07:09	99-87-6	
Methylene Chloride	ND	ug/kg	34.8	23.8	1	07/22/21 12:13	07/23/21 07:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	86.9	8.4	1	07/22/21 12:13	07/23/21 07:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.7	3.3	1	07/22/21 12:13	07/23/21 07:09	1634-04-4	
Naphthalene	ND	ug/kg	8.7	4.6	1	07/22/21 12:13	07/23/21 07:09	91-20-3	
n-Propylbenzene	ND	ug/kg	8.7	3.1	1	07/22/21 12:13	07/23/21 07:09	103-65-1	
Styrene	ND	ug/kg	8.7	2.3	1	07/22/21 12:13	07/23/21 07:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.7	3.3	1	07/22/21 12:13	07/23/21 07:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.7	2.3	1	07/22/21 12:13	07/23/21 07:09	79-34-5	
Tetrachloroethene	ND	ug/kg	8.7	2.7	1	07/22/21 12:13	07/23/21 07:09	127-18-4	
Toluene	8.5J	ug/kg	8.7	2.5	1	07/22/21 12:13	07/23/21 07:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.7	7.0	1	07/22/21 12:13	07/23/21 07:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.7	7.3	1	07/22/21 12:13	07/23/21 07:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.7	4.5	1	07/22/21 12:13	07/23/21 07:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.7	2.9	1	07/22/21 12:13	07/23/21 07:09	79-00-5	
Trichloroethene	ND	ug/kg	8.7	2.2	1	07/22/21 12:13	07/23/21 07:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.7	4.8	1	07/22/21 12:13	07/23/21 07:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.7	4.4	1	07/22/21 12:13	07/23/21 07:09	96-18-4	
1,2,4-Trimethylbenzene	11.7	ug/kg	8.7	2.4	1	07/22/21 12:13	07/23/21 07:09	95-63-6	B
1,3,5-Trimethylbenzene	ND	ug/kg	8.7	2.9	1	07/22/21 12:13	07/23/21 07:09	108-67-8	
Vinyl acetate	ND	ug/kg	86.9	6.3	1	07/22/21 12:13	07/23/21 07:09	108-05-4	
Vinyl chloride	ND	ug/kg	17.4	4.4	1	07/22/21 12:13	07/23/21 07:09	75-01-4	
Xylene (Total)	ND	ug/kg	17.4	5.0	1	07/22/21 12:13	07/23/21 07:09	1330-20-7	
m&p-Xylene	ND	ug/kg	17.4	5.9	1	07/22/21 12:13	07/23/21 07:09	179601-23-1	
o-Xylene	ND	ug/kg	8.7	3.8	1	07/22/21 12:13	07/23/21 07:09	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	07/22/21 12:13	07/23/21 07:09	2037-26-5	
4-Bromofluorobenzene (S)	102	%	69-134		1	07/22/21 12:13	07/23/21 07:09	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1	07/22/21 12:13	07/23/21 07:09	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	24.2	%	0.10	0.10	1	07/21/21 16:14	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: AEA1 16-18 **Lab ID: 92550329002** Collected: 07/17/21 10:05 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	6.3	mg/kg	3.7	3.7	1	07/22/21 10:49	07/23/21 09:27		N2
Aliphatic (C05-C08)	ND	mg/kg	3.7	3.7	1	07/22/21 10:49	07/23/21 09:27		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.7	3.7	1	07/22/21 10:49	07/23/21 09:27		N2
Aromatic (C09-C10)	ND	mg/kg	3.7	3.7	1	07/22/21 10:49	07/23/21 09:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1	07/22/21 10:49	07/23/21 09:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1	07/22/21 10:49	07/23/21 09:27	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	145	46.4	1	07/23/21 11:01	07/23/21 18:35	67-64-1	
Benzene	160	ug/kg	7.2	2.9	1	07/23/21 11:01	07/23/21 18:35	71-43-2	
Bromobenzene	ND	ug/kg	7.2	2.4	1	07/23/21 11:01	07/23/21 18:35	108-86-1	
Bromochloromethane	ND	ug/kg	7.2	2.1	1	07/23/21 11:01	07/23/21 18:35	74-97-5	
Bromodichloromethane	ND	ug/kg	7.2	2.8	1	07/23/21 11:01	07/23/21 18:35	75-27-4	
Bromoform	ND	ug/kg	7.2	2.5	1	07/23/21 11:01	07/23/21 18:35	75-25-2	
Bromomethane	ND	ug/kg	14.5	11.4	1	07/23/21 11:01	07/23/21 18:35	74-83-9	
2-Butanone (MEK)	ND	ug/kg	145	34.7	1	07/23/21 11:01	07/23/21 18:35	78-93-3	
n-Butylbenzene	ND	ug/kg	7.2	3.4	1	07/23/21 11:01	07/23/21 18:35	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.2	3.2	1	07/23/21 11:01	07/23/21 18:35	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.2	2.6	1	07/23/21 11:01	07/23/21 18:35	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.2	2.7	1	07/23/21 11:01	07/23/21 18:35	56-23-5	
Chlorobenzene	ND	ug/kg	7.2	1.4	1	07/23/21 11:01	07/23/21 18:35	108-90-7	
Chloroethane	ND	ug/kg	14.5	5.6	1	07/23/21 11:01	07/23/21 18:35	75-00-3	
Chloroform	ND	ug/kg	7.2	4.4	1	07/23/21 11:01	07/23/21 18:35	67-66-3	
Chloromethane	ND	ug/kg	14.5	6.1	1	07/23/21 11:01	07/23/21 18:35	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.2	2.6	1	07/23/21 11:01	07/23/21 18:35	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.2	1.3	1	07/23/21 11:01	07/23/21 18:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.2	2.8	1	07/23/21 11:01	07/23/21 18:35	96-12-8	
Dibromochloromethane	ND	ug/kg	7.2	4.1	1	07/23/21 11:01	07/23/21 18:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.2	3.2	1	07/23/21 11:01	07/23/21 18:35	106-93-4	
Dibromomethane	ND	ug/kg	7.2	1.5	1	07/23/21 11:01	07/23/21 18:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.2	2.6	1	07/23/21 11:01	07/23/21 18:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.2	2.2	1	07/23/21 11:01	07/23/21 18:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.2	1.9	1	07/23/21 11:01	07/23/21 18:35	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.5	3.1	1	07/23/21 11:01	07/23/21 18:35	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.2	3.0	1	07/23/21 11:01	07/23/21 18:35	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.2	4.8	1	07/23/21 11:01	07/23/21 18:35	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.2	3.0	1	07/23/21 11:01	07/23/21 18:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	07/23/21 11:01	07/23/21 18:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.2	2.5	1	07/23/21 11:01	07/23/21 18:35	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.2	2.2	1	07/23/21 11:01	07/23/21 18:35	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.2	2.3	1	07/23/21 11:01	07/23/21 18:35	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.2	2.4	1	07/23/21 11:01	07/23/21 18:35	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: AEA1 16-18 **Lab ID: 92550329002** Collected: 07/17/21 10:05 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	7.2	3.5	1	07/23/21 11:01	07/23/21 18:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.2	2.0	1	07/23/21 11:01	07/23/21 18:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.2	2.5	1	07/23/21 11:01	07/23/21 18:35	10061-02-6	
Diisopropyl ether	45.4	ug/kg	7.2	2.0	1	07/23/21 11:01	07/23/21 18:35	108-20-3	
Ethylbenzene	92.6	ug/kg	7.2	3.4	1	07/23/21 11:01	07/23/21 18:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.5	11.8	1	07/23/21 11:01	07/23/21 18:35	87-68-3	
2-Hexanone	ND	ug/kg	72.3	7.0	1	07/23/21 11:01	07/23/21 18:35	591-78-6	
Isopropylbenzene (Cumene)	4.9J	ug/kg	7.2	2.5	1	07/23/21 11:01	07/23/21 18:35	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.2	3.6	1	07/23/21 11:01	07/23/21 18:35	99-87-6	
Methylene Chloride	ND	ug/kg	28.9	19.8	1	07/23/21 11:01	07/23/21 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.3	7.0	1	07/23/21 11:01	07/23/21 18:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.2	2.7	1	07/23/21 11:01	07/23/21 18:35	1634-04-4	
Naphthalene	20.1	ug/kg	7.2	3.8	1	07/23/21 11:01	07/23/21 18:35	91-20-3	
n-Propylbenzene	ND	ug/kg	7.2	2.6	1	07/23/21 11:01	07/23/21 18:35	103-65-1	
Styrene	5.5J	ug/kg	7.2	1.9	1	07/23/21 11:01	07/23/21 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.2	2.8	1	07/23/21 11:01	07/23/21 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.2	1.9	1	07/23/21 11:01	07/23/21 18:35	79-34-5	
Tetrachloroethene	ND	ug/kg	7.2	2.3	1	07/23/21 11:01	07/23/21 18:35	127-18-4	
Toluene	638	ug/kg	7.2	2.1	1	07/23/21 11:01	07/23/21 18:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.2	5.8	1	07/23/21 11:01	07/23/21 18:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.2	6.1	1	07/23/21 11:01	07/23/21 18:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.2	3.8	1	07/23/21 11:01	07/23/21 18:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.2	2.4	1	07/23/21 11:01	07/23/21 18:35	79-00-5	
Trichloroethene	ND	ug/kg	7.2	1.9	1	07/23/21 11:01	07/23/21 18:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.2	4.0	1	07/23/21 11:01	07/23/21 18:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.2	3.7	1	07/23/21 11:01	07/23/21 18:35	96-18-4	
1,2,4-Trimethylbenzene	94.2	ug/kg	7.2	2.0	1	07/23/21 11:01	07/23/21 18:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.2	2.4	1	07/23/21 11:01	07/23/21 18:35	108-67-8	
Vinyl acetate	ND	ug/kg	72.3	5.3	1	07/23/21 11:01	07/23/21 18:35	108-05-4	
Vinyl chloride	ND	ug/kg	14.5	3.7	1	07/23/21 11:01	07/23/21 18:35	75-01-4	
Xylene (Total)	546	ug/kg	14.5	4.1	1	07/23/21 11:01	07/23/21 18:35	1330-20-7	
m&p-Xylene	367	ug/kg	14.5	4.9	1	07/23/21 11:01	07/23/21 18:35	179601-23-1	
o-Xylene	179	ug/kg	7.2	3.2	1	07/23/21 11:01	07/23/21 18:35	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/23/21 11:01	07/23/21 18:35	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	07/23/21 11:01	07/23/21 18:35	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1	07/23/21 11:01	07/23/21 18:35	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	17.8	%	0.10	0.10	1	07/21/21 16:14	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: AEA1 32-34 **Lab ID: 92550329003** Collected: 07/17/21 10:10 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	27.6	mg/kg	3.5	3.5	1	07/22/21 10:49	07/23/21 09:55		N2
Aliphatic (C05-C08)	22.9	mg/kg	3.5	3.5	1	07/22/21 10:49	07/23/21 09:55		N2
Aliphatic(C09-C12) Adjusted	4.6	mg/kg	3.5	3.5	1	07/22/21 10:49	07/23/21 09:55		N2
Aromatic (C09-C10)	ND	mg/kg	3.5	3.5	1	07/22/21 10:49	07/23/21 09:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130		1	07/22/21 10:49	07/23/21 09:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1	07/22/21 10:49	07/23/21 09:55	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	136	43.6	1	07/23/21 11:01	07/23/21 18:53	67-64-1	
Benzene	978	ug/kg	6.8	2.7	1	07/23/21 11:01	07/23/21 18:53	71-43-2	
Bromobenzene	ND	ug/kg	6.8	2.2	1	07/23/21 11:01	07/23/21 18:53	108-86-1	
Bromochloromethane	ND	ug/kg	6.8	2.0	1	07/23/21 11:01	07/23/21 18:53	74-97-5	
Bromodichloromethane	ND	ug/kg	6.8	2.6	1	07/23/21 11:01	07/23/21 18:53	75-27-4	
Bromoform	ND	ug/kg	6.8	2.4	1	07/23/21 11:01	07/23/21 18:53	75-25-2	
Bromomethane	ND	ug/kg	13.6	10.7	1	07/23/21 11:01	07/23/21 18:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	136	32.6	1	07/23/21 11:01	07/23/21 18:53	78-93-3	
n-Butylbenzene	ND	ug/kg	6.8	3.2	1	07/23/21 11:01	07/23/21 18:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.8	3.0	1	07/23/21 11:01	07/23/21 18:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.8	2.4	1	07/23/21 11:01	07/23/21 18:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.8	2.5	1	07/23/21 11:01	07/23/21 18:53	56-23-5	
Chlorobenzene	ND	ug/kg	6.8	1.3	1	07/23/21 11:01	07/23/21 18:53	108-90-7	
Chloroethane	ND	ug/kg	13.6	5.2	1	07/23/21 11:01	07/23/21 18:53	75-00-3	
Chloroform	ND	ug/kg	6.8	4.1	1	07/23/21 11:01	07/23/21 18:53	67-66-3	
Chloromethane	ND	ug/kg	13.6	5.7	1	07/23/21 11:01	07/23/21 18:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.8	2.4	1	07/23/21 11:01	07/23/21 18:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.8	1.2	1	07/23/21 11:01	07/23/21 18:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	2.6	1	07/23/21 11:01	07/23/21 18:53	96-12-8	
Dibromochloromethane	ND	ug/kg	6.8	3.8	1	07/23/21 11:01	07/23/21 18:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.8	3.0	1	07/23/21 11:01	07/23/21 18:53	106-93-4	
Dibromomethane	ND	ug/kg	6.8	1.5	1	07/23/21 11:01	07/23/21 18:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.8	2.4	1	07/23/21 11:01	07/23/21 18:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.8	2.1	1	07/23/21 11:01	07/23/21 18:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.8	1.8	1	07/23/21 11:01	07/23/21 18:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.6	2.9	1	07/23/21 11:01	07/23/21 18:53	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	6.8	2.8	1	07/23/21 11:01	07/23/21 18:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.8	4.5	1	07/23/21 11:01	07/23/21 18:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.8	2.8	1	07/23/21 11:01	07/23/21 18:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.8	2.3	1	07/23/21 11:01	07/23/21 18:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.8	2.4	1	07/23/21 11:01	07/23/21 18:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.8	2.0	1	07/23/21 11:01	07/23/21 18:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.8	2.1	1	07/23/21 11:01	07/23/21 18:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.8	2.2	1	07/23/21 11:01	07/23/21 18:53	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: AEA1 32-34 **Lab ID:** 92550329003 **Collected:** 07/17/21 10:10 **Received:** 07/19/21 17:35 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.8	3.3	1	07/23/21 11:01	07/23/21 18:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.8	1.8	1	07/23/21 11:01	07/23/21 18:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.8	2.3	1	07/23/21 11:01	07/23/21 18:53	10061-02-6	
Diisopropyl ether	75.9	ug/kg	6.8	1.8	1	07/23/21 11:01	07/23/21 18:53	108-20-3	
Ethylbenzene	322	ug/kg	6.8	3.2	1	07/23/21 11:01	07/23/21 18:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.6	11.1	1	07/23/21 11:01	07/23/21 18:53	87-68-3	
2-Hexanone	ND	ug/kg	67.9	6.5	1	07/23/21 11:01	07/23/21 18:53	591-78-6	
Isopropylbenzene (Cumene)	9.0	ug/kg	6.8	2.3	1	07/23/21 11:01	07/23/21 18:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.8	3.3	1	07/23/21 11:01	07/23/21 18:53	99-87-6	
Methylene Chloride	ND	ug/kg	27.2	18.6	1	07/23/21 11:01	07/23/21 18:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	67.9	6.5	1	07/23/21 11:01	07/23/21 18:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.8	2.5	1	07/23/21 11:01	07/23/21 18:53	1634-04-4	
Naphthalene	42.2	ug/kg	6.8	3.6	1	07/23/21 11:01	07/23/21 18:53	91-20-3	
n-Propylbenzene	ND	ug/kg	6.8	2.4	1	07/23/21 11:01	07/23/21 18:53	103-65-1	
Styrene	18.5	ug/kg	6.8	1.8	1	07/23/21 11:01	07/23/21 18:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.8	2.6	1	07/23/21 11:01	07/23/21 18:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.8	1.8	1	07/23/21 11:01	07/23/21 18:53	79-34-5	
Tetrachloroethene	ND	ug/kg	6.8	2.1	1	07/23/21 11:01	07/23/21 18:53	127-18-4	
Toluene	3360	ug/kg	6.8	1.9	1	07/23/21 11:01	07/23/21 18:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.8	5.5	1	07/23/21 11:01	07/23/21 18:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.8	5.7	1	07/23/21 11:01	07/23/21 18:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.8	3.5	1	07/23/21 11:01	07/23/21 18:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.8	2.3	1	07/23/21 11:01	07/23/21 18:53	79-00-5	
Trichloroethene	ND	ug/kg	6.8	1.8	1	07/23/21 11:01	07/23/21 18:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.8	3.7	1	07/23/21 11:01	07/23/21 18:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.8	3.4	1	07/23/21 11:01	07/23/21 18:53	96-18-4	
1,2,4-Trimethylbenzene	164	ug/kg	6.8	1.9	1	07/23/21 11:01	07/23/21 18:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.8	2.3	1	07/23/21 11:01	07/23/21 18:53	108-67-8	
Vinyl acetate	ND	ug/kg	67.9	4.9	1	07/23/21 11:01	07/23/21 18:53	108-05-4	
Vinyl chloride	ND	ug/kg	13.6	3.5	1	07/23/21 11:01	07/23/21 18:53	75-01-4	
Xylene (Total)	1780	ug/kg	13.6	3.9	1	07/23/21 11:01	07/23/21 18:53	1330-20-7	
m&p-Xylene	1250	ug/kg	13.6	4.6	1	07/23/21 11:01	07/23/21 18:53	179601-23-1	
o-Xylene	530	ug/kg	6.8	3.0	1	07/23/21 11:01	07/23/21 18:53	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/23/21 11:01	07/23/21 18:53	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		1	07/23/21 11:01	07/23/21 18:53	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1	07/23/21 11:01	07/23/21 18:53	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	24.0	%	0.10	0.10	1	07/21/21 16:14	N2
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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T6 0-2 **Lab ID: 92550329004** Collected: 07/17/21 14:10 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	4.9	4.9	1	07/22/21 10:49	07/23/21 10:24		N2
Aliphatic (C05-C08)	ND	mg/kg	4.9	4.9	1	07/22/21 10:49	07/23/21 10:24		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.9	4.9	1	07/22/21 10:49	07/23/21 10:24		N2
Aromatic (C09-C10)	ND	mg/kg	4.9	4.9	1	07/22/21 10:49	07/23/21 10:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1	07/22/21 10:49	07/23/21 10:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1	07/22/21 10:49	07/23/21 10:24	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	169	54.3	1	07/23/21 11:01	07/23/21 19:12	67-64-1	
Benzene	ND	ug/kg	8.5	3.4	1	07/23/21 11:01	07/23/21 19:12	71-43-2	
Bromobenzene	ND	ug/kg	8.5	2.8	1	07/23/21 11:01	07/23/21 19:12	108-86-1	
Bromochloromethane	ND	ug/kg	8.5	2.5	1	07/23/21 11:01	07/23/21 19:12	74-97-5	
Bromodichloromethane	ND	ug/kg	8.5	3.3	1	07/23/21 11:01	07/23/21 19:12	75-27-4	
Bromoform	ND	ug/kg	8.5	3.0	1	07/23/21 11:01	07/23/21 19:12	75-25-2	
Bromomethane	ND	ug/kg	16.9	13.4	1	07/23/21 11:01	07/23/21 19:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	169	40.6	1	07/23/21 11:01	07/23/21 19:12	78-93-3	
n-Butylbenzene	ND	ug/kg	8.5	4.0	1	07/23/21 11:01	07/23/21 19:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.5	3.7	1	07/23/21 11:01	07/23/21 19:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.5	3.0	1	07/23/21 11:01	07/23/21 19:12	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.5	3.2	1	07/23/21 11:01	07/23/21 19:12	56-23-5	
Chlorobenzene	ND	ug/kg	8.5	1.6	1	07/23/21 11:01	07/23/21 19:12	108-90-7	
Chloroethane	ND	ug/kg	16.9	6.5	1	07/23/21 11:01	07/23/21 19:12	75-00-3	
Chloroform	ND	ug/kg	8.5	5.1	1	07/23/21 11:01	07/23/21 19:12	67-66-3	
Chloromethane	ND	ug/kg	16.9	7.1	1	07/23/21 11:01	07/23/21 19:12	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.5	3.0	1	07/23/21 11:01	07/23/21 19:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.5	1.5	1	07/23/21 11:01	07/23/21 19:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.5	3.3	1	07/23/21 11:01	07/23/21 19:12	96-12-8	
Dibromochloromethane	ND	ug/kg	8.5	4.8	1	07/23/21 11:01	07/23/21 19:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.5	3.7	1	07/23/21 11:01	07/23/21 19:12	106-93-4	
Dibromomethane	ND	ug/kg	8.5	1.8	1	07/23/21 11:01	07/23/21 19:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.5	3.0	1	07/23/21 11:01	07/23/21 19:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.5	2.6	1	07/23/21 11:01	07/23/21 19:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.5	2.2	1	07/23/21 11:01	07/23/21 19:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.9	3.7	1	07/23/21 11:01	07/23/21 19:12	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	8.5	3.5	1	07/23/21 11:01	07/23/21 19:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.5	5.6	1	07/23/21 11:01	07/23/21 19:12	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.5	3.5	1	07/23/21 11:01	07/23/21 19:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.5	2.9	1	07/23/21 11:01	07/23/21 19:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.5	3.0	1	07/23/21 11:01	07/23/21 19:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.5	2.5	1	07/23/21 11:01	07/23/21 19:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.5	2.6	1	07/23/21 11:01	07/23/21 19:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.5	2.8	1	07/23/21 11:01	07/23/21 19:12	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T6 0-2 **Lab ID: 92550329004** Collected: 07/17/21 14:10 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	8.5	4.1	1	07/23/21 11:01	07/23/21 19:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.5	2.3	1	07/23/21 11:01	07/23/21 19:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.5	2.9	1	07/23/21 11:01	07/23/21 19:12	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.5	2.3	1	07/23/21 11:01	07/23/21 19:12	108-20-3	
Ethylbenzene	ND	ug/kg	8.5	3.9	1	07/23/21 11:01	07/23/21 19:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.9	13.8	1	07/23/21 11:01	07/23/21 19:12	87-68-3	
2-Hexanone	ND	ug/kg	84.6	8.2	1	07/23/21 11:01	07/23/21 19:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.5	2.9	1	07/23/21 11:01	07/23/21 19:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.5	4.2	1	07/23/21 11:01	07/23/21 19:12	99-87-6	
Methylene Chloride	ND	ug/kg	33.8	23.2	1	07/23/21 11:01	07/23/21 19:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	84.6	8.2	1	07/23/21 11:01	07/23/21 19:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.5	3.2	1	07/23/21 11:01	07/23/21 19:12	1634-04-4	
Naphthalene	ND	ug/kg	8.5	4.4	1	07/23/21 11:01	07/23/21 19:12	91-20-3	
n-Propylbenzene	ND	ug/kg	8.5	3.0	1	07/23/21 11:01	07/23/21 19:12	103-65-1	
Styrene	ND	ug/kg	8.5	2.2	1	07/23/21 11:01	07/23/21 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.5	3.2	1	07/23/21 11:01	07/23/21 19:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.5	2.2	1	07/23/21 11:01	07/23/21 19:12	79-34-5	
Tetrachloroethene	ND	ug/kg	8.5	2.7	1	07/23/21 11:01	07/23/21 19:12	127-18-4	
Toluene	6.3J	ug/kg	8.5	2.4	1	07/23/21 11:01	07/23/21 19:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.5	6.8	1	07/23/21 11:01	07/23/21 19:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.5	7.1	1	07/23/21 11:01	07/23/21 19:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.5	4.4	1	07/23/21 11:01	07/23/21 19:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.5	2.8	1	07/23/21 11:01	07/23/21 19:12	79-00-5	
Trichloroethene	ND	ug/kg	8.5	2.2	1	07/23/21 11:01	07/23/21 19:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.5	4.7	1	07/23/21 11:01	07/23/21 19:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.5	4.3	1	07/23/21 11:01	07/23/21 19:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.5	2.3	1	07/23/21 11:01	07/23/21 19:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.5	2.8	1	07/23/21 11:01	07/23/21 19:12	108-67-8	
Vinyl acetate	ND	ug/kg	84.6	6.2	1	07/23/21 11:01	07/23/21 19:12	108-05-4	
Vinyl chloride	ND	ug/kg	16.9	4.3	1	07/23/21 11:01	07/23/21 19:12	75-01-4	
Xylene (Total)	ND	ug/kg	16.9	4.8	1	07/23/21 11:01	07/23/21 19:12	1330-20-7	
m&p-Xylene	ND	ug/kg	16.9	5.8	1	07/23/21 11:01	07/23/21 19:12	179601-23-1	
o-Xylene	ND	ug/kg	8.5	3.7	1	07/23/21 11:01	07/23/21 19:12	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/23/21 11:01	07/23/21 19:12	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	07/23/21 11:01	07/23/21 19:12	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1	07/23/21 11:01	07/23/21 19:12	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.9	%	0.10	0.10	1	07/21/21 16:14	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T6 22-24 **Lab ID: 92550329005** Collected: 07/17/21 14:15 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.8	3.8	1	07/22/21 10:49	07/23/21 10:52		N2
Aliphatic (C05-C08)	ND	mg/kg	3.8	3.8	1	07/22/21 10:49	07/23/21 10:52		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.8	3.8	1	07/22/21 10:49	07/23/21 10:52		N2
Aromatic (C09-C10)	ND	mg/kg	3.8	3.8	1	07/22/21 10:49	07/23/21 10:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1	07/22/21 10:49	07/23/21 10:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130		1	07/22/21 10:49	07/23/21 10:52	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	155	49.7	1	07/23/21 11:01	07/23/21 19:30	67-64-1	
Benzene	ND	ug/kg	7.7	3.1	1	07/23/21 11:01	07/23/21 19:30	71-43-2	
Bromobenzene	ND	ug/kg	7.7	2.5	1	07/23/21 11:01	07/23/21 19:30	108-86-1	
Bromochloromethane	ND	ug/kg	7.7	2.3	1	07/23/21 11:01	07/23/21 19:30	74-97-5	
Bromodichloromethane	ND	ug/kg	7.7	3.0	1	07/23/21 11:01	07/23/21 19:30	75-27-4	
Bromoform	ND	ug/kg	7.7	2.7	1	07/23/21 11:01	07/23/21 19:30	75-25-2	
Bromomethane	ND	ug/kg	15.5	12.2	1	07/23/21 11:01	07/23/21 19:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	155	37.2	1	07/23/21 11:01	07/23/21 19:30	78-93-3	
n-Butylbenzene	ND	ug/kg	7.7	3.7	1	07/23/21 11:01	07/23/21 19:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.7	3.4	1	07/23/21 11:01	07/23/21 19:30	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.7	2.8	1	07/23/21 11:01	07/23/21 19:30	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.7	2.9	1	07/23/21 11:01	07/23/21 19:30	56-23-5	
Chlorobenzene	ND	ug/kg	7.7	1.5	1	07/23/21 11:01	07/23/21 19:30	108-90-7	
Chloroethane	ND	ug/kg	15.5	6.0	1	07/23/21 11:01	07/23/21 19:30	75-00-3	
Chloroform	ND	ug/kg	7.7	4.7	1	07/23/21 11:01	07/23/21 19:30	67-66-3	
Chloromethane	ND	ug/kg	15.5	6.5	1	07/23/21 11:01	07/23/21 19:30	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.7	2.7	1	07/23/21 11:01	07/23/21 19:30	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.7	1.4	1	07/23/21 11:01	07/23/21 19:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.7	3.0	1	07/23/21 11:01	07/23/21 19:30	96-12-8	
Dibromochloromethane	ND	ug/kg	7.7	4.4	1	07/23/21 11:01	07/23/21 19:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.7	3.4	1	07/23/21 11:01	07/23/21 19:30	106-93-4	
Dibromomethane	ND	ug/kg	7.7	1.7	1	07/23/21 11:01	07/23/21 19:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.7	2.8	1	07/23/21 11:01	07/23/21 19:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.7	2.4	1	07/23/21 11:01	07/23/21 19:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.7	2.0	1	07/23/21 11:01	07/23/21 19:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.5	3.4	1	07/23/21 11:01	07/23/21 19:30	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.7	3.2	1	07/23/21 11:01	07/23/21 19:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.7	5.1	1	07/23/21 11:01	07/23/21 19:30	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.7	3.2	1	07/23/21 11:01	07/23/21 19:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.7	2.6	1	07/23/21 11:01	07/23/21 19:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.7	2.7	1	07/23/21 11:01	07/23/21 19:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.7	2.3	1	07/23/21 11:01	07/23/21 19:30	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.7	2.4	1	07/23/21 11:01	07/23/21 19:30	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.7	2.5	1	07/23/21 11:01	07/23/21 19:30	594-20-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T6 22-24 **Lab ID: 92550329005** Collected: 07/17/21 14:15 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	7.7	3.7	1	07/23/21 11:01	07/23/21 19:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.7	2.1	1	07/23/21 11:01	07/23/21 19:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.7	2.7	1	07/23/21 11:01	07/23/21 19:30	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.7	2.1	1	07/23/21 11:01	07/23/21 19:30	108-20-3	
Ethylbenzene	ND	ug/kg	7.7	3.6	1	07/23/21 11:01	07/23/21 19:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.5	12.7	1	07/23/21 11:01	07/23/21 19:30	87-68-3	
2-Hexanone	ND	ug/kg	77.5	7.5	1	07/23/21 11:01	07/23/21 19:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.7	2.6	1	07/23/21 11:01	07/23/21 19:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.7	3.8	1	07/23/21 11:01	07/23/21 19:30	99-87-6	
Methylene Chloride	ND	ug/kg	31.0	21.2	1	07/23/21 11:01	07/23/21 19:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	77.5	7.5	1	07/23/21 11:01	07/23/21 19:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.7	2.9	1	07/23/21 11:01	07/23/21 19:30	1634-04-4	
Naphthalene	ND	ug/kg	7.7	4.1	1	07/23/21 11:01	07/23/21 19:30	91-20-3	
n-Propylbenzene	ND	ug/kg	7.7	2.8	1	07/23/21 11:01	07/23/21 19:30	103-65-1	
Styrene	ND	ug/kg	7.7	2.0	1	07/23/21 11:01	07/23/21 19:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.7	3.0	1	07/23/21 11:01	07/23/21 19:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.7	2.0	1	07/23/21 11:01	07/23/21 19:30	79-34-5	
Tetrachloroethene	ND	ug/kg	7.7	2.4	1	07/23/21 11:01	07/23/21 19:30	127-18-4	
Toluene	5.8J	ug/kg	7.7	2.2	1	07/23/21 11:01	07/23/21 19:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.7	6.3	1	07/23/21 11:01	07/23/21 19:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.7	6.5	1	07/23/21 11:01	07/23/21 19:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.7	4.0	1	07/23/21 11:01	07/23/21 19:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.7	2.6	1	07/23/21 11:01	07/23/21 19:30	79-00-5	
Trichloroethene	ND	ug/kg	7.7	2.0	1	07/23/21 11:01	07/23/21 19:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.7	4.3	1	07/23/21 11:01	07/23/21 19:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.7	3.9	1	07/23/21 11:01	07/23/21 19:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.7	2.1	1	07/23/21 11:01	07/23/21 19:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.7	2.6	1	07/23/21 11:01	07/23/21 19:30	108-67-8	
Vinyl acetate	ND	ug/kg	77.5	5.6	1	07/23/21 11:01	07/23/21 19:30	108-05-4	
Vinyl chloride	ND	ug/kg	15.5	3.9	1	07/23/21 11:01	07/23/21 19:30	75-01-4	
Xylene (Total)	ND	ug/kg	15.5	4.4	1	07/23/21 11:01	07/23/21 19:30	1330-20-7	
m&p-Xylene	ND	ug/kg	15.5	5.3	1	07/23/21 11:01	07/23/21 19:30	179601-23-1	
o-Xylene	ND	ug/kg	7.7	3.4	1	07/23/21 11:01	07/23/21 19:30	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/23/21 11:01	07/23/21 19:30	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		1	07/23/21 11:01	07/23/21 19:30	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	07/23/21 11:01	07/23/21 19:30	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	21.0	%	0.10	0.10	1	07/21/21 16:15	N2
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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T8 0-2 **Lab ID: 92550329006** Collected: 07/17/21 16:05 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.1	3.1	1	07/22/21 10:49	07/23/21 11:21		N2
Aliphatic (C05-C08)	ND	mg/kg	3.1	3.1	1	07/22/21 10:49	07/23/21 11:21		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.1	3.1	1	07/22/21 10:49	07/23/21 11:21		N2
Aromatic (C09-C10)	ND	mg/kg	3.1	3.1	1	07/22/21 10:49	07/23/21 11:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1	07/22/21 10:49	07/23/21 11:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1	07/22/21 10:49	07/23/21 11:21	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	120	38.6	1	07/23/21 11:01	07/23/21 19:48	67-64-1	
Benzene	ND	ug/kg	6.0	2.4	1	07/23/21 11:01	07/23/21 19:48	71-43-2	
Bromobenzene	ND	ug/kg	6.0	2.0	1	07/23/21 11:01	07/23/21 19:48	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1.8	1	07/23/21 11:01	07/23/21 19:48	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	2.3	1	07/23/21 11:01	07/23/21 19:48	75-27-4	
Bromoform	ND	ug/kg	6.0	2.1	1	07/23/21 11:01	07/23/21 19:48	75-25-2	
Bromomethane	ND	ug/kg	12.0	9.5	1	07/23/21 11:01	07/23/21 19:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	120	28.9	1	07/23/21 11:01	07/23/21 19:48	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	2.8	1	07/23/21 11:01	07/23/21 19:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	2.6	1	07/23/21 11:01	07/23/21 19:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	2.1	1	07/23/21 11:01	07/23/21 19:48	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.0	2.3	1	07/23/21 11:01	07/23/21 19:48	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1.2	1	07/23/21 11:01	07/23/21 19:48	108-90-7	
Chloroethane	ND	ug/kg	12.0	4.6	1	07/23/21 11:01	07/23/21 19:48	75-00-3	
Chloroform	ND	ug/kg	6.0	3.7	1	07/23/21 11:01	07/23/21 19:48	67-66-3	
Chloromethane	ND	ug/kg	12.0	5.1	1	07/23/21 11:01	07/23/21 19:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	2.1	1	07/23/21 11:01	07/23/21 19:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1.1	1	07/23/21 11:01	07/23/21 19:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	2.3	1	07/23/21 11:01	07/23/21 19:48	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	3.4	1	07/23/21 11:01	07/23/21 19:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	2.6	1	07/23/21 11:01	07/23/21 19:48	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1.3	1	07/23/21 11:01	07/23/21 19:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	2.2	1	07/23/21 11:01	07/23/21 19:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1.9	1	07/23/21 11:01	07/23/21 19:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1.6	1	07/23/21 11:01	07/23/21 19:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.0	2.6	1	07/23/21 11:01	07/23/21 19:48	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	6.0	2.5	1	07/23/21 11:01	07/23/21 19:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	4.0	1	07/23/21 11:01	07/23/21 19:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	2.5	1	07/23/21 11:01	07/23/21 19:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	2.1	1	07/23/21 11:01	07/23/21 19:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	2.1	1	07/23/21 11:01	07/23/21 19:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1.8	1	07/23/21 11:01	07/23/21 19:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1.9	1	07/23/21 11:01	07/23/21 19:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	2.0	1	07/23/21 11:01	07/23/21 19:48	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T8 0-2 **Lab ID: 92550329006** Collected: 07/17/21 16:05 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.0	2.9	1	07/23/21 11:01	07/23/21 19:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1.6	1	07/23/21 11:01	07/23/21 19:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	2.1	1	07/23/21 11:01	07/23/21 19:48	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.0	1.6	1	07/23/21 11:01	07/23/21 19:48	108-20-3	
Ethylbenzene	ND	ug/kg	6.0	2.8	1	07/23/21 11:01	07/23/21 19:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.0	9.8	1	07/23/21 11:01	07/23/21 19:48	87-68-3	
2-Hexanone	ND	ug/kg	60.2	5.8	1	07/23/21 11:01	07/23/21 19:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	2.0	1	07/23/21 11:01	07/23/21 19:48	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	3.0	1	07/23/21 11:01	07/23/21 19:48	99-87-6	
Methylene Chloride	ND	ug/kg	24.1	16.5	1	07/23/21 11:01	07/23/21 19:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.2	5.8	1	07/23/21 11:01	07/23/21 19:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	2.3	1	07/23/21 11:01	07/23/21 19:48	1634-04-4	
Naphthalene	ND	ug/kg	6.0	3.2	1	07/23/21 11:01	07/23/21 19:48	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	2.1	1	07/23/21 11:01	07/23/21 19:48	103-65-1	
Styrene	ND	ug/kg	6.0	1.6	1	07/23/21 11:01	07/23/21 19:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	2.3	1	07/23/21 11:01	07/23/21 19:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1.6	1	07/23/21 11:01	07/23/21 19:48	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1.9	1	07/23/21 11:01	07/23/21 19:48	127-18-4	
Toluene	3.2J	ug/kg	6.0	1.7	1	07/23/21 11:01	07/23/21 19:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	4.9	1	07/23/21 11:01	07/23/21 19:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	5.1	1	07/23/21 11:01	07/23/21 19:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	3.1	1	07/23/21 11:01	07/23/21 19:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	2.0	1	07/23/21 11:01	07/23/21 19:48	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1.6	1	07/23/21 11:01	07/23/21 19:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	3.3	1	07/23/21 11:01	07/23/21 19:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	3.0	1	07/23/21 11:01	07/23/21 19:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1.6	1	07/23/21 11:01	07/23/21 19:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	2.0	1	07/23/21 11:01	07/23/21 19:48	108-67-8	
Vinyl acetate	ND	ug/kg	60.2	4.4	1	07/23/21 11:01	07/23/21 19:48	108-05-4	
Vinyl chloride	ND	ug/kg	12.0	3.1	1	07/23/21 11:01	07/23/21 19:48	75-01-4	
Xylene (Total)	ND	ug/kg	12.0	3.4	1	07/23/21 11:01	07/23/21 19:48	1330-20-7	
m&p-Xylene	ND	ug/kg	12.0	4.1	1	07/23/21 11:01	07/23/21 19:48	179601-23-1	
o-Xylene	ND	ug/kg	6.0	2.7	1	07/23/21 11:01	07/23/21 19:48	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/23/21 11:01	07/23/21 19:48	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	07/23/21 11:01	07/23/21 19:48	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1	07/23/21 11:01	07/23/21 19:48	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	16.5	%	0.10	0.10	1	07/21/21 16:15	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T8 4-6 **Lab ID: 92550329007** Collected: 07/17/21 16:10 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	4.2	mg/kg	3.6	3.6	1	07/22/21 14:18	07/22/21 20:08		N2
Aliphatic (C05-C08)	4.0	mg/kg	3.6	3.6	1	07/22/21 14:18	07/22/21 20:08		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.6	3.6	1	07/22/21 14:18	07/22/21 20:08		N2
Aromatic (C09-C10)	ND	mg/kg	3.6	3.6	1	07/22/21 14:18	07/22/21 20:08		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1	07/22/21 14:18	07/22/21 20:08	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1	07/22/21 14:18	07/22/21 20:08	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	145	46.6	1	07/23/21 11:01	07/23/21 20:07	67-64-1	
Benzene	ND	ug/kg	7.3	2.9	1	07/23/21 11:01	07/23/21 20:07	71-43-2	
Bromobenzene	ND	ug/kg	7.3	2.4	1	07/23/21 11:01	07/23/21 20:07	108-86-1	
Bromochloromethane	ND	ug/kg	7.3	2.1	1	07/23/21 11:01	07/23/21 20:07	74-97-5	
Bromodichloromethane	ND	ug/kg	7.3	2.8	1	07/23/21 11:01	07/23/21 20:07	75-27-4	
Bromoform	ND	ug/kg	7.3	2.6	1	07/23/21 11:01	07/23/21 20:07	75-25-2	
Bromomethane	ND	ug/kg	14.5	11.5	1	07/23/21 11:01	07/23/21 20:07	74-83-9	
2-Butanone (MEK)	ND	ug/kg	145	34.9	1	07/23/21 11:01	07/23/21 20:07	78-93-3	
n-Butylbenzene	ND	ug/kg	7.3	3.4	1	07/23/21 11:01	07/23/21 20:07	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.3	3.2	1	07/23/21 11:01	07/23/21 20:07	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.3	2.6	1	07/23/21 11:01	07/23/21 20:07	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.3	2.7	1	07/23/21 11:01	07/23/21 20:07	56-23-5	
Chlorobenzene	ND	ug/kg	7.3	1.4	1	07/23/21 11:01	07/23/21 20:07	108-90-7	
Chloroethane	ND	ug/kg	14.5	5.6	1	07/23/21 11:01	07/23/21 20:07	75-00-3	
Chloroform	ND	ug/kg	7.3	4.4	1	07/23/21 11:01	07/23/21 20:07	67-66-3	
Chloromethane	ND	ug/kg	14.5	6.1	1	07/23/21 11:01	07/23/21 20:07	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.3	2.6	1	07/23/21 11:01	07/23/21 20:07	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.3	1.3	1	07/23/21 11:01	07/23/21 20:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.3	2.8	1	07/23/21 11:01	07/23/21 20:07	96-12-8	
Dibromochloromethane	ND	ug/kg	7.3	4.1	1	07/23/21 11:01	07/23/21 20:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.3	3.2	1	07/23/21 11:01	07/23/21 20:07	106-93-4	
Dibromomethane	ND	ug/kg	7.3	1.6	1	07/23/21 11:01	07/23/21 20:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.3	2.6	1	07/23/21 11:01	07/23/21 20:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.3	2.3	1	07/23/21 11:01	07/23/21 20:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.3	1.9	1	07/23/21 11:01	07/23/21 20:07	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.5	3.2	1	07/23/21 11:01	07/23/21 20:07	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.3	3.0	1	07/23/21 11:01	07/23/21 20:07	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.3	4.8	1	07/23/21 11:01	07/23/21 20:07	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.3	3.0	1	07/23/21 11:01	07/23/21 20:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	07/23/21 11:01	07/23/21 20:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.3	2.5	1	07/23/21 11:01	07/23/21 20:07	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.3	2.2	1	07/23/21 11:01	07/23/21 20:07	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.3	2.3	1	07/23/21 11:01	07/23/21 20:07	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.3	2.4	1	07/23/21 11:01	07/23/21 20:07	594-20-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T8 4-6 **Lab ID: 92550329007** Collected: 07/17/21 16:10 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	7.3	3.5	1	07/23/21 11:01	07/23/21 20:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.3	2.0	1	07/23/21 11:01	07/23/21 20:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.3	2.5	1	07/23/21 11:01	07/23/21 20:07	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.3	2.0	1	07/23/21 11:01	07/23/21 20:07	108-20-3	
Ethylbenzene	ND	ug/kg	7.3	3.4	1	07/23/21 11:01	07/23/21 20:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.5	11.9	1	07/23/21 11:01	07/23/21 20:07	87-68-3	
2-Hexanone	ND	ug/kg	72.6	7.0	1	07/23/21 11:01	07/23/21 20:07	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.3	2.5	1	07/23/21 11:01	07/23/21 20:07	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.3	3.6	1	07/23/21 11:01	07/23/21 20:07	99-87-6	
Methylene Chloride	ND	ug/kg	29.1	19.9	1	07/23/21 11:01	07/23/21 20:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	72.6	7.0	1	07/23/21 11:01	07/23/21 20:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.3	2.7	1	07/23/21 11:01	07/23/21 20:07	1634-04-4	
Naphthalene	ND	ug/kg	7.3	3.8	1	07/23/21 11:01	07/23/21 20:07	91-20-3	
n-Propylbenzene	ND	ug/kg	7.3	2.6	1	07/23/21 11:01	07/23/21 20:07	103-65-1	
Styrene	ND	ug/kg	7.3	1.9	1	07/23/21 11:01	07/23/21 20:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.3	2.8	1	07/23/21 11:01	07/23/21 20:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.3	1.9	1	07/23/21 11:01	07/23/21 20:07	79-34-5	
Tetrachloroethene	ND	ug/kg	7.3	2.3	1	07/23/21 11:01	07/23/21 20:07	127-18-4	
Toluene	4.0J	ug/kg	7.3	2.1	1	07/23/21 11:01	07/23/21 20:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.3	5.9	1	07/23/21 11:01	07/23/21 20:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.3	6.1	1	07/23/21 11:01	07/23/21 20:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.3	3.8	1	07/23/21 11:01	07/23/21 20:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.3	2.4	1	07/23/21 11:01	07/23/21 20:07	79-00-5	
Trichloroethene	ND	ug/kg	7.3	1.9	1	07/23/21 11:01	07/23/21 20:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.3	4.0	1	07/23/21 11:01	07/23/21 20:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.3	3.7	1	07/23/21 11:01	07/23/21 20:07	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.3	2.0	1	07/23/21 11:01	07/23/21 20:07	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.3	2.4	1	07/23/21 11:01	07/23/21 20:07	108-67-8	
Vinyl acetate	ND	ug/kg	72.6	5.3	1	07/23/21 11:01	07/23/21 20:07	108-05-4	
Vinyl chloride	ND	ug/kg	14.5	3.7	1	07/23/21 11:01	07/23/21 20:07	75-01-4	
Xylene (Total)	ND	ug/kg	14.5	4.1	1	07/23/21 11:01	07/23/21 20:07	1330-20-7	
m&p-Xylene	ND	ug/kg	14.5	5.0	1	07/23/21 11:01	07/23/21 20:07	179601-23-1	
o-Xylene	ND	ug/kg	7.3	3.2	1	07/23/21 11:01	07/23/21 20:07	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	07/23/21 11:01	07/23/21 20:07	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	07/23/21 11:01	07/23/21 20:07	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1	07/23/21 11:01	07/23/21 20:07	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	24.2	%	0.10	0.10	1	07/21/21 16:15	N2
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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T8 32-34 **Lab ID: 92550329008** Collected: 07/17/21 16:15 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	188	mg/kg	4.0	4.0	1	07/22/21 14:18	07/22/21 20:36		N2
Aliphatic (C05-C08)	135	mg/kg	4.0	4.0	1	07/22/21 14:18	07/22/21 20:36		N2
Aliphatic(C09-C12) Adjusted	36.9	mg/kg	4.0	4.0	1	07/22/21 14:18	07/22/21 20:36		N2
Aromatic (C09-C10)	16.4	mg/kg	4.0	4.0	1	07/22/21 14:18	07/22/21 20:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1	07/22/21 14:18	07/22/21 20:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1	07/22/21 14:18	07/22/21 20:36	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	325	104	2	07/26/21 09:05	07/26/21 11:29	67-64-1	
Benzene	2230	ug/kg	16.2	6.5	2	07/26/21 09:05	07/26/21 11:29	71-43-2	
Bromobenzene	ND	ug/kg	16.2	5.3	2	07/26/21 09:05	07/26/21 11:29	108-86-1	
Bromochloromethane	ND	ug/kg	16.2	4.8	2	07/26/21 09:05	07/26/21 11:29	74-97-5	
Bromodichloromethane	ND	ug/kg	16.2	6.3	2	07/26/21 09:05	07/26/21 11:29	75-27-4	
Bromoform	ND	ug/kg	16.2	5.7	2	07/26/21 09:05	07/26/21 11:29	75-25-2	
Bromomethane	ND	ug/kg	32.5	25.6	2	07/26/21 09:05	07/26/21 11:29	74-83-9	L1,v1
2-Butanone (MEK)	ND	ug/kg	325	77.9	2	07/26/21 09:05	07/26/21 11:29	78-93-3	
n-Butylbenzene	279	ug/kg	16.2	7.7	2	07/26/21 09:05	07/26/21 11:29	104-51-8	M1
sec-Butylbenzene	ND	ug/kg	16.2	7.1	2	07/26/21 09:05	07/26/21 11:29	135-98-8	M1
tert-Butylbenzene	ND	ug/kg	16.2	5.8	2	07/26/21 09:05	07/26/21 11:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	16.2	6.1	2	07/26/21 09:05	07/26/21 11:29	56-23-5	
Chlorobenzene	ND	ug/kg	16.2	3.1	2	07/26/21 09:05	07/26/21 11:29	108-90-7	
Chloroethane	ND	ug/kg	32.5	12.5	2	07/26/21 09:05	07/26/21 11:29	75-00-3	
Chloroform	ND	ug/kg	16.2	9.9	2	07/26/21 09:05	07/26/21 11:29	67-66-3	
Chloromethane	ND	ug/kg	32.5	13.6	2	07/26/21 09:05	07/26/21 11:29	74-87-3	M1
2-Chlorotoluene	ND	ug/kg	16.2	5.7	2	07/26/21 09:05	07/26/21 11:29	95-49-8	M1
4-Chlorotoluene	ND	ug/kg	16.2	2.9	2	07/26/21 09:05	07/26/21 11:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	16.2	6.3	2	07/26/21 09:05	07/26/21 11:29	96-12-8	
Dibromochloromethane	ND	ug/kg	16.2	9.1	2	07/26/21 09:05	07/26/21 11:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	16.2	7.1	2	07/26/21 09:05	07/26/21 11:29	106-93-4	
Dibromomethane	ND	ug/kg	16.2	3.5	2	07/26/21 09:05	07/26/21 11:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	16.2	5.8	2	07/26/21 09:05	07/26/21 11:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	16.2	5.0	2	07/26/21 09:05	07/26/21 11:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	16.2	4.2	2	07/26/21 09:05	07/26/21 11:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	32.5	7.0	2	07/26/21 09:05	07/26/21 11:29	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	16.2	6.7	2	07/26/21 09:05	07/26/21 11:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	16.2	10.7	2	07/26/21 09:05	07/26/21 11:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	16.2	6.7	2	07/26/21 09:05	07/26/21 11:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	16.2	5.6	2	07/26/21 09:05	07/26/21 11:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	16.2	5.7	2	07/26/21 09:05	07/26/21 11:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	16.2	4.9	2	07/26/21 09:05	07/26/21 11:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	16.2	5.1	2	07/26/21 09:05	07/26/21 11:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	16.2	5.3	2	07/26/21 09:05	07/26/21 11:29	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Sample: T8 32-34 **Lab ID: 92550329008** Collected: 07/17/21 16:15 Received: 07/19/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	16.2	7.8	2	07/26/21 09:05	07/26/21 11:29	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/kg	16.2	4.4	2	07/26/21 09:05	07/26/21 11:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	16.2	5.6	2	07/26/21 09:05	07/26/21 11:29	10061-02-6	
Diisopropyl ether	222	ug/kg	16.2	4.4	2	07/26/21 09:05	07/26/21 11:29	108-20-3	
Ethylbenzene	2360	ug/kg	16.2	7.6	2	07/26/21 09:05	07/26/21 11:29	100-41-4	M1
Hexachloro-1,3-butadiene	ND	ug/kg	32.5	26.6	2	07/26/21 09:05	07/26/21 11:29	87-68-3	
2-Hexanone	ND	ug/kg	162	15.6	2	07/26/21 09:05	07/26/21 11:29	591-78-6	
Isopropylbenzene (Cumene)	219	ug/kg	16.2	5.5	2	07/26/21 09:05	07/26/21 11:29	98-82-8	M1
p-Isopropyltoluene	233	ug/kg	16.2	8.0	2	07/26/21 09:05	07/26/21 11:29	99-87-6	
Methylene Chloride	ND	ug/kg	64.9	44.5	2	07/26/21 09:05	07/26/21 11:29	75-09-2	M1
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	162	15.6	2	07/26/21 09:05	07/26/21 11:29	108-10-1	
Methyl-tert-butyl ether	70.4	ug/kg	16.2	6.1	2	07/26/21 09:05	07/26/21 11:29	1634-04-4	
Naphthalene	926	ug/kg	16.2	8.5	2	07/26/21 09:05	07/26/21 11:29	91-20-3	
n-Propylbenzene	794	ug/kg	16.2	5.8	2	07/26/21 09:05	07/26/21 11:29	103-65-1	M1
Styrene	114	ug/kg	16.2	4.3	2	07/26/21 09:05	07/26/21 11:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	16.2	6.2	2	07/26/21 09:05	07/26/21 11:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	16.2	4.3	2	07/26/21 09:05	07/26/21 11:29	79-34-5	
Tetrachloroethene	ND	ug/kg	16.2	5.1	2	07/26/21 09:05	07/26/21 11:29	127-18-4	
Toluene	10200	ug/kg	16.2	4.6	2	07/26/21 09:05	07/26/21 11:29	108-88-3	M1
1,2,3-Trichlorobenzene	ND	ug/kg	16.2	13.1	2	07/26/21 09:05	07/26/21 11:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	16.2	13.6	2	07/26/21 09:05	07/26/21 11:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	16.2	8.4	2	07/26/21 09:05	07/26/21 11:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	16.2	5.4	2	07/26/21 09:05	07/26/21 11:29	79-00-5	
Trichloroethene	ND	ug/kg	16.2	4.2	2	07/26/21 09:05	07/26/21 11:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	16.2	8.9	2	07/26/21 09:05	07/26/21 11:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	16.2	8.2	2	07/26/21 09:05	07/26/21 11:29	96-18-4	
1,2,4-Trimethylbenzene	4980	ug/kg	16.2	4.4	2	07/26/21 09:05	07/26/21 11:29	95-63-6	M1
1,3,5-Trimethylbenzene	1420	ug/kg	16.2	5.5	2	07/26/21 09:05	07/26/21 11:29	108-67-8	M1
Vinyl acetate	ND	ug/kg	162	11.8	2	07/26/21 09:05	07/26/21 11:29	108-05-4	
Vinyl chloride	ND	ug/kg	32.5	8.2	2	07/26/21 09:05	07/26/21 11:29	75-01-4	
Xylene (Total)	13100	ug/kg	32.5	9.3	2	07/26/21 09:05	07/26/21 11:29	1330-20-7	MS
m&p-Xylene	9490	ug/kg	32.5	11.1	2	07/26/21 09:05	07/26/21 11:29	179601-23-1	M1
o-Xylene	3630	ug/kg	16.2	7.2	2	07/26/21 09:05	07/26/21 11:29	95-47-6	M1
Surrogates									
Toluene-d8 (S)	101	%	70-130		2	07/26/21 09:05	07/26/21 11:29	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		2	07/26/21 09:05	07/26/21 11:29	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		2	07/26/21 09:05	07/26/21 11:29	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	29.2	%	0.10	0.10	1		07/21/21 16:15		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

QC Batch:	635226	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92550329001, 92550329002, 92550329003, 92550329004, 92550329005, 92550329006

METHOD BLANK: 3335426

Matrix: Solid

Associated Lab Samples: 92550329001, 92550329002, 92550329003, 92550329004, 92550329005, 92550329006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	07/22/21 19:11	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	07/22/21 19:11	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/22/21 19:11	
4-Bromofluorobenzene (PID) (S)	%	91	70-130		07/22/21 19:11	

LABORATORY CONTROL SAMPLE & LCSD: 3335427

3335428

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	14.6	14.2	97	95	70-130	3	25	N2
Aromatic (C09-C10)	mg/kg	5	5.4	4.8	108	96	70-130	12	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				90	89	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

QC Batch: 635298

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Soil

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550329007, 92550329008

METHOD BLANK: 3336085

Matrix: Solid

Associated Lab Samples: 92550329007, 92550329008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	07/22/21 18:43	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	07/22/21 18:43	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/22/21 18:43	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/22/21 18:43	

LABORATORY CONTROL SAMPLE & LCSD: 3336086

3336087

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	14.4	12.8	96	86	70-130	11	25	N2
Aromatic (C09-C10)	mg/kg	5	5.1	4.8	102	95	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	99	70-130			
4-Bromofluorobenzene (PID) (S)	%				86	88	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

QC Batch: 635257

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550329001

METHOD BLANK: 3335662

Matrix: Solid

Associated Lab Samples: 92550329001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	07/23/21 01:36	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	07/23/21 01:36	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	07/23/21 01:36	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	07/23/21 01:36	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	07/23/21 01:36	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	07/23/21 01:36	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	07/23/21 01:36	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	07/23/21 01:36	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	07/23/21 01:36	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	07/23/21 01:36	
1,2,4-Trimethylbenzene	ug/kg	2.7J	5.0	1.4	07/23/21 01:36	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	07/23/21 01:36	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	07/23/21 01:36	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	07/23/21 01:36	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	07/23/21 01:36	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	07/23/21 01:36	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	07/23/21 01:36	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	07/23/21 01:36	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	07/23/21 01:36	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	07/23/21 01:36	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	07/23/21 01:36	
2-Butanone (MEK)	ug/kg	ND	100	24.0	07/23/21 01:36	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	07/23/21 01:36	
2-Hexanone	ug/kg	ND	50.0	4.8	07/23/21 01:36	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	07/23/21 01:36	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	07/23/21 01:36	
Acetone	ug/kg	ND	100	32.1	07/23/21 01:36	
Benzene	ug/kg	ND	5.0	2.0	07/23/21 01:36	
Bromobenzene	ug/kg	ND	5.0	1.6	07/23/21 01:36	
Bromochloromethane	ug/kg	ND	5.0	1.5	07/23/21 01:36	
Bromodichloromethane	ug/kg	ND	5.0	1.9	07/23/21 01:36	
Bromoform	ug/kg	ND	5.0	1.8	07/23/21 01:36	
Bromomethane	ug/kg	ND	10.0	7.9	07/23/21 01:36	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	07/23/21 01:36	
Chlorobenzene	ug/kg	ND	5.0	0.96	07/23/21 01:36	
Chloroethane	ug/kg	ND	10.0	3.9	07/23/21 01:36	
Chloroform	ug/kg	ND	5.0	3.0	07/23/21 01:36	
Chloromethane	ug/kg	ND	10.0	4.2	07/23/21 01:36	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	07/23/21 01:36	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	07/23/21 01:36	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

METHOD BLANK: 3335662

Matrix: Solid

Associated Lab Samples: 92550329001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	07/23/21 01:36	
Dibromomethane	ug/kg	ND	5.0	1.1	07/23/21 01:36	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	07/23/21 01:36	
Diisopropyl ether	ug/kg	ND	5.0	1.4	07/23/21 01:36	
Ethylbenzene	ug/kg	ND	5.0	2.3	07/23/21 01:36	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	07/23/21 01:36	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	07/23/21 01:36	
m&p-Xylene	ug/kg	ND	10.0	3.4	07/23/21 01:36	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	07/23/21 01:36	
Methylene Chloride	ug/kg	ND	20.0	13.7	07/23/21 01:36	
n-Butylbenzene	ug/kg	ND	5.0	2.4	07/23/21 01:36	
n-Propylbenzene	ug/kg	ND	5.0	1.8	07/23/21 01:36	
Naphthalene	ug/kg	ND	5.0	2.6	07/23/21 01:36	
o-Xylene	ug/kg	ND	5.0	2.2	07/23/21 01:36	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	07/23/21 01:36	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	07/23/21 01:36	
Styrene	ug/kg	ND	5.0	1.3	07/23/21 01:36	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	07/23/21 01:36	
Tetrachloroethene	ug/kg	ND	5.0	1.6	07/23/21 01:36	
Toluene	ug/kg	ND	5.0	1.4	07/23/21 01:36	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	07/23/21 01:36	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	07/23/21 01:36	
Trichloroethene	ug/kg	ND	5.0	1.3	07/23/21 01:36	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	07/23/21 01:36	
Vinyl acetate	ug/kg	ND	50.0	3.6	07/23/21 01:36	
Vinyl chloride	ug/kg	ND	10.0	2.5	07/23/21 01:36	
Xylene (Total)	ug/kg	ND	10.0	2.8	07/23/21 01:36	
1,2-Dichloroethane-d4 (S)	%	104	70-130		07/23/21 01:36	
4-Bromofluorobenzene (S)	%	101	69-134		07/23/21 01:36	
Toluene-d8 (S)	%	99	70-130		07/23/21 01:36	

LABORATORY CONTROL SAMPLE: 3335663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1200	96	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1150	92	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1220	97	70-130	
1,1-Dichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethene	ug/kg	1250	1360	109	70-130	
1,1-Dichloropropene	ug/kg	1250	1300	104	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1140	91	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1250	100	68-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

LABORATORY CONTROL SAMPLE: 3335663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1250	100	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1270	102	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1150	92	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
1,2-Dichloroethane	ug/kg	1250	1120	90	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1300	104	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,3-Dichloropropane	ug/kg	1250	1140	91	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
2,2-Dichloropropane	ug/kg	1250	1160	93	66-130	
2-Butanone (MEK)	ug/kg	2500	2460	99	70-130	
2-Chlorotoluene	ug/kg	1250	1310	104	70-130	
2-Hexanone	ug/kg	2500	2390	96	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2450	98	70-130	
Acetone	ug/kg	2500	2490	100	69-130	
Benzene	ug/kg	1250	1240	99	70-130	
Bromobenzene	ug/kg	1250	1220	98	70-130	
Bromochloromethane	ug/kg	1250	1210	97	70-130	
Bromodichloromethane	ug/kg	1250	1230	98	69-130	
Bromoform	ug/kg	1250	1250	100	70-130	
Bromomethane	ug/kg	1250	1570	126	52-130	
Carbon tetrachloride	ug/kg	1250	1350	108	70-130	
Chlorobenzene	ug/kg	1250	1170	94	70-130	
Chloroethane	ug/kg	1250	1450	116	65-130	
Chloroform	ug/kg	1250	1260	101	70-130	
Chloromethane	ug/kg	1250	1200	96	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1220	98	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1210	96	70-130	
Dibromochloromethane	ug/kg	1250	1220	98	70-130	
Dibromomethane	ug/kg	1250	1200	96	70-130	
Dichlorodifluoromethane	ug/kg	1250	1440	115	45-156	
Diisopropyl ether	ug/kg	1250	1160	93	70-130	
Ethylbenzene	ug/kg	1250	1260	101	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1340	107	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1340	107	70-130	
m&p-Xylene	ug/kg	2500	2550	102	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1140	91	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1320	105	67-130	
n-Propylbenzene	ug/kg	1250	1300	104	70-130	
Naphthalene	ug/kg	1250	1240	100	70-130	
o-Xylene	ug/kg	1250	1170	94	70-130	
p-Isopropyltoluene	ug/kg	1250	1350	108	67-130	
sec-Butylbenzene	ug/kg	1250	1330	106	69-130	
Styrene	ug/kg	1250	1270	102	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

LABORATORY CONTROL SAMPLE: 3335663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1250	100	67-130	
Tetrachloroethene	ug/kg	1250	1230	98	70-130	
Toluene	ug/kg	1250	1150	92	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1190	95	68-130	
Trichloroethene	ug/kg	1250	1240	99	70-130	
Trichlorofluoromethane	ug/kg	1250	1300	104	70-130	
Vinyl acetate	ug/kg	2500	2460	98	70-130	
Vinyl chloride	ug/kg	1250	1380	110	61-130	
Xylene (Total)	ug/kg	3750	3720	99	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			98	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3335664 3335665

Parameter	Units	92550191026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	41900	41900	41600	40300	100	96	70-131	3	30	
1,1,1-Trichloroethane	ug/kg	ND	41900	41900	43800	42200	105	101	65-133	4	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	41900	41900	40100	37900	96	90	66-130	6	30	
1,1,2-Trichloroethane	ug/kg	ND	41900	41900	43100	41000	103	98	66-133	5	30	
1,1-Dichloroethane	ug/kg	ND	41900	41900	41700	40600	100	97	65-130	3	30	
1,1-Dichloroethene	ug/kg	ND	41900	41900	46600	44900	111	107	10-158	4	30	
1,1-Dichloropropene	ug/kg	ND	41900	41900	45700	44300	109	106	68-133	3	30	
1,2,3-Trichlorobenzene	ug/kg	ND	41900	41900	42000	40500	100	97	27-138	4	30	
1,2,3-Trichloropropane	ug/kg	ND	41900	41900	38200	36400	91	87	67-130	5	30	
1,2,4-Trichlorobenzene	ug/kg	ND	41900	41900	41700	41200	100	99	51-134	1	30	
1,2,4-Trimethylbenzene	ug/kg	320000	41900	41900	381000	371000	144	122	63-136	2	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	41900	41900	42500	39400	101	94	32-130	7	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	41900	41900	39300	37700	94	90	70-130	4	30	
1,2-Dichlorobenzene	ug/kg	ND	41900	41900	40800	39300	97	94	69-130	4	30	
1,2-Dichloroethane	ug/kg	ND	41900	41900	37700	36500	90	87	59-130	3	30	
1,2-Dichloropropane	ug/kg	ND	41900	41900	42700	40600	102	97	70-130	5	30	
1,3,5-Trimethylbenzene	ug/kg	113000	41900	41900	163000	160000	119	112	65-137	2	30	
1,3-Dichlorobenzene	ug/kg	ND	41900	41900	41600	39900	99	95	70-130	4	30	
1,3-Dichloropropane	ug/kg	ND	41900	41900	38600	37400	92	89	70-130	3	30	
1,4-Dichlorobenzene	ug/kg	ND	41900	41900	41100	39200	98	94	68-130	5	30	
2,2-Dichloropropane	ug/kg	ND	41900	41900	37300	36400	89	87	32-130	3	30	
2-Butanone (MEK)	ug/kg	ND	83700	83700	82600	81000	99	97	10-136	2	30	
2-Chlorotoluene	ug/kg	ND	41900	41900	56500	54200	135	130	69-141	4	30	
2-Hexanone	ug/kg	ND	83700	83700	83000	79900	99	95	10-144	4	30	
4-Chlorotoluene	ug/kg	ND	41900	41900	42500	39900	101	95	70-132	6	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	8030	83700	83700	85600	82400	93	89	25-143	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3335664 3335665											
Parameter	Units	92550191026 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Acetone	ug/kg	ND	83700	83700	70600	70100	84	84	10-130	1	30
Benzene	ug/kg	4470	41900	41900	46500	44500	100	96	67-130	4	30
Bromobenzene	ug/kg	ND	41900	41900	41400	39800	99	95	70-130	4	30
Bromochloromethane	ug/kg	ND	41900	41900	40700	38900	97	93	69-134	4	30
Bromodichloromethane	ug/kg	ND	41900	41900	40800	38600	97	92	64-130	5	30
Bromoform	ug/kg	ND	41900	41900	39900	38600	95	92	62-130	3	30
Bromomethane	ug/kg	ND	41900	41900	53000	49500	127	118	20-176	7	30
Carbon tetrachloride	ug/kg	ND	41900	41900	47400	44500	113	106	65-140	6	30
Chlorobenzene	ug/kg	ND	41900	41900	41900	40200	100	96	70-130	4	30
Chloroethane	ug/kg	ND	41900	41900	49400	47700	118	114	10-130	3	30
Chloroform	ug/kg	ND	41900	41900	43300	41600	103	99	63-130	4	30
Chloromethane	ug/kg	ND	41900	41900	41300	40200	99	96	58-130	3	30
cis-1,2-Dichloroethene	ug/kg	ND	41900	41900	41400	40300	99	96	66-130	3	30
cis-1,3-Dichloropropene	ug/kg	ND	41900	41900	39400	37800	94	90	67-130	4	30
Dibromochloromethane	ug/kg	ND	41900	41900	41000	39000	98	93	67-130	5	30
Dibromomethane	ug/kg	ND	41900	41900	39000	36900	93	88	63-131	5	30
Dichlorodifluoromethane	ug/kg	ND	41900	41900	50700	48900	121	117	44-180	4	30
Diisopropyl ether	ug/kg	ND	41900	41900	37800	36700	90	88	63-130	3	30
Ethylbenzene	ug/kg	80100	41900	41900	129000	125000	118	107	66-130	3	30
Hexachloro-1,3-butadiene	ug/kg	ND	41900	41900	50900	49800	122	119	64-150	2	30
Isopropylbenzene (Cumene)	ug/kg	ND	41900	41900	63000	60500	151	145	69-135	4	30 M1
m&p-Xylene	ug/kg	432000	83700	83700	539000	526000	128	112	60-133	2	30
Methyl-tert-butyl ether	ug/kg	ND	41900	41900	36400	35500	87	85	65-130	3	30
Methylene Chloride	ug/kg	ND	41900	41900	41000	39300	98	94	61-130	4	30
n-Butylbenzene	ug/kg	ND	41900	41900	67400	64500	161	154	65-140	4	30 M1
n-Propylbenzene	ug/kg	ND	41900	41900	107000	104000	257	250	67-140	3	30 M1
Naphthalene	ug/kg	30000	41900	41900	75300	73600	108	104	15-145	2	30
o-Xylene	ug/kg	165000	41900	41900	214000	206000	116	99	66-133	3	30
p-Isopropyltoluene	ug/kg	ND	41900	41900	61100	59600	146	142	56-147	3	30
sec-Butylbenzene	ug/kg	ND	41900	41900	52500	50800	126	121	65-139	3	30
Styrene	ug/kg	ND	41900	41900	48800	46700	117	112	70-132	4	30
tert-Butylbenzene	ug/kg	ND	41900	41900	49100	46000	117	110	62-135	6	30
Tetrachloroethene	ug/kg	ND	41900	41900	44000	41800	105	100	70-135	5	30
Toluene	ug/kg	157000	41900	41900	205000	197000	114	97	67-130	4	30
trans-1,2-Dichloroethene	ug/kg	ND	41900	41900	43200	41400	103	99	69-130	4	30
trans-1,3-Dichloropropene	ug/kg	ND	41900	41900	38100	36300	91	87	62-130	5	30
Trichloroethene	ug/kg	ND	41900	41900	42500	40000	102	96	70-135	6	30
Trichlorofluoromethane	ug/kg	ND	41900	41900	45100	44200	108	106	10-130	2	30
Vinyl acetate	ug/kg	ND	83700	83700	79400	77000	95	92	53-130	3	30
Vinyl chloride	ug/kg	ND	41900	41900	47600	46000	114	110	61-148	3	30
Xylene (Total)	ug/kg	597000	126000	126000	753000	732000	124	108	63-132	3	30
1,2-Dichloroethane-d4 (S)	%						93	97	70-130		
4-Bromofluorobenzene (S)	%						98	100	69-134		
Toluene-d8 (S)	%						99	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

QC Batch:	635532	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92550329002, 92550329003, 92550329004, 92550329005, 92550329006, 92550329007

METHOD BLANK: 3337213

Matrix: Solid

Associated Lab Samples: 92550329002, 92550329003, 92550329004, 92550329005, 92550329006, 92550329007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	07/23/21 12:44	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	07/23/21 12:44	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	07/23/21 12:44	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	07/23/21 12:44	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	07/23/21 12:44	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	07/23/21 12:44	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	07/23/21 12:44	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	07/23/21 12:44	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	07/23/21 12:44	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	07/23/21 12:44	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	07/23/21 12:44	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	07/23/21 12:44	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	07/23/21 12:44	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	07/23/21 12:44	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	07/23/21 12:44	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	07/23/21 12:44	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	07/23/21 12:44	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	07/23/21 12:44	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	07/23/21 12:44	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	07/23/21 12:44	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	07/23/21 12:44	
2-Butanone (MEK)	ug/kg	ND	100	24.0	07/23/21 12:44	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	07/23/21 12:44	
2-Hexanone	ug/kg	ND	50.0	4.8	07/23/21 12:44	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	07/23/21 12:44	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	07/23/21 12:44	
Acetone	ug/kg	ND	100	32.1	07/23/21 12:44	
Benzene	ug/kg	ND	5.0	2.0	07/23/21 12:44	
Bromobenzene	ug/kg	ND	5.0	1.6	07/23/21 12:44	
Bromochloromethane	ug/kg	ND	5.0	1.5	07/23/21 12:44	
Bromodichloromethane	ug/kg	ND	5.0	1.9	07/23/21 12:44	
Bromoform	ug/kg	ND	5.0	1.8	07/23/21 12:44	
Bromomethane	ug/kg	ND	10.0	7.9	07/23/21 12:44	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	07/23/21 12:44	
Chlorobenzene	ug/kg	ND	5.0	0.96	07/23/21 12:44	
Chloroethane	ug/kg	ND	10.0	3.9	07/23/21 12:44	
Chloroform	ug/kg	ND	5.0	3.0	07/23/21 12:44	
Chloromethane	ug/kg	ND	10.0	4.2	07/23/21 12:44	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	07/23/21 12:44	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	07/23/21 12:44	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

METHOD BLANK: 3337213

Matrix: Solid

Associated Lab Samples: 92550329002, 92550329003, 92550329004, 92550329005, 92550329006, 92550329007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	07/23/21 12:44	
Dibromomethane	ug/kg	ND	5.0	1.1	07/23/21 12:44	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	07/23/21 12:44	v1
Diisopropyl ether	ug/kg	ND	5.0	1.4	07/23/21 12:44	
Ethylbenzene	ug/kg	ND	5.0	2.3	07/23/21 12:44	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	07/23/21 12:44	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	07/23/21 12:44	
m&p-Xylene	ug/kg	ND	10.0	3.4	07/23/21 12:44	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	07/23/21 12:44	
Methylene Chloride	ug/kg	ND	20.0	13.7	07/23/21 12:44	
n-Butylbenzene	ug/kg	ND	5.0	2.4	07/23/21 12:44	
n-Propylbenzene	ug/kg	ND	5.0	1.8	07/23/21 12:44	
Naphthalene	ug/kg	ND	5.0	2.6	07/23/21 12:44	
o-Xylene	ug/kg	ND	5.0	2.2	07/23/21 12:44	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	07/23/21 12:44	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	07/23/21 12:44	
Styrene	ug/kg	ND	5.0	1.3	07/23/21 12:44	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	07/23/21 12:44	
Tetrachloroethene	ug/kg	ND	5.0	1.6	07/23/21 12:44	
Toluene	ug/kg	ND	5.0	1.4	07/23/21 12:44	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	07/23/21 12:44	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	07/23/21 12:44	
Trichloroethene	ug/kg	ND	5.0	1.3	07/23/21 12:44	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	07/23/21 12:44	
Vinyl acetate	ug/kg	ND	50.0	3.6	07/23/21 12:44	
Vinyl chloride	ug/kg	ND	10.0	2.5	07/23/21 12:44	
Xylene (Total)	ug/kg	ND	10.0	2.8	07/23/21 12:44	
1,2-Dichloroethane-d4 (S)	%	104	70-130		07/23/21 12:44	
4-Bromofluorobenzene (S)	%	98	69-134		07/23/21 12:44	
Toluene-d8 (S)	%	99	70-130		07/23/21 12:44	

LABORATORY CONTROL SAMPLE: 3337214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1210	97	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1280	102	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1140	91	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1210	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1270	102	70-130	
1,1-Dichloroethene	ug/kg	1250	1370	109	70-130	
1,1-Dichloropropene	ug/kg	1250	1340	107	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1240	99	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1140	92	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1280	102	68-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

LABORATORY CONTROL SAMPLE: 3337214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1270	101	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1210	97	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1140	92	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1220	98	70-130	
1,2-Dichloroethane	ug/kg	1250	1140	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1250	100	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1340	107	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichloropropane	ug/kg	1250	1140	91	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1240	99	70-130	
2,2-Dichloropropane	ug/kg	1250	1260	101	66-130	
2-Butanone (MEK)	ug/kg	2500	2460	99	70-130	
2-Chlorotoluene	ug/kg	1250	1330	107	70-130	
2-Hexanone	ug/kg	2500	2370	95	70-130	
4-Chlorotoluene	ug/kg	1250	1250	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2400	96	70-130	
Acetone	ug/kg	2500	2460	98	69-130	
Benzene	ug/kg	1250	1230	99	70-130	
Bromobenzene	ug/kg	1250	1220	98	70-130	
Bromochloromethane	ug/kg	1250	1220	98	70-130	
Bromodichloromethane	ug/kg	1250	1220	98	69-130	
Bromoform	ug/kg	1250	1200	96	70-130	
Bromomethane	ug/kg	1250	1620	130	52-130	
Carbon tetrachloride	ug/kg	1250	1360	109	70-130	
Chlorobenzene	ug/kg	1250	1190	95	70-130	
Chloroethane	ug/kg	1250	1490	119	65-130	
Chloroform	ug/kg	1250	1290	103	70-130	
Chloromethane	ug/kg	1250	1280	102	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1250	100	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1220	98	70-130	
Dibromochloromethane	ug/kg	1250	1200	96	70-130	
Dibromomethane	ug/kg	1250	1150	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1700	136	45-156 v1	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1270	101	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1370	109	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1360	109	70-130	
m&p-Xylene	ug/kg	2500	2590	104	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1150	92	70-130	
Methylene Chloride	ug/kg	1250	1300	104	65-130	
n-Butylbenzene	ug/kg	1250	1380	110	67-130	
n-Propylbenzene	ug/kg	1250	1330	107	70-130	
Naphthalene	ug/kg	1250	1230	98	70-130	
o-Xylene	ug/kg	1250	1170	94	70-130	
p-Isopropyltoluene	ug/kg	1250	1390	111	67-130	
sec-Butylbenzene	ug/kg	1250	1380	110	69-130	
Styrene	ug/kg	1250	1280	102	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

LABORATORY CONTROL SAMPLE: 3337214

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1290	104	67-130	
Tetrachloroethene	ug/kg	1250	1250	100	70-130	
Toluene	ug/kg	1250	1150	92	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1310	104	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1200	96	68-130	
Trichloroethene	ug/kg	1250	1240	99	70-130	
Trichlorofluoromethane	ug/kg	1250	1320	106	70-130	
Vinyl acetate	ug/kg	2500	2570	103	70-130	
Vinyl chloride	ug/kg	1250	1430	115	61-130	
Xylene (Total)	ug/kg	3750	3760	100	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3337216

Parameter	Units	92550191020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	906	767	85	70-131	
1,1,1-Trichloroethane	ug/kg	ND	906	817	90	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	906	664	73	66-130	
1,1,2-Trichloroethane	ug/kg	ND	906	727	80	66-133	
1,1-Dichloroethane	ug/kg	ND	906	798	88	65-130	
1,1-Dichloroethene	ug/kg	ND	906	897	99	10-158	
1,1-Dichloropropene	ug/kg	ND	906	879	97	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	906	793	88	27-138	
1,2,3-Trichloropropane	ug/kg	ND	906	676	75	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	906	789	87	51-134	
1,2,4-Trimethylbenzene	ug/kg	36.2	906	934	99	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	906	654	72	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	906	707	78	70-130	
1,2-Dichlorobenzene	ug/kg	ND	906	793	87	69-130	
1,2-Dichloroethane	ug/kg	ND	906	728	80	59-130	
1,2-Dichloropropane	ug/kg	ND	906	788	87	70-130	
1,3,5-Trimethylbenzene	ug/kg	15.6	906	936	102	65-137	
1,3-Dichlorobenzene	ug/kg	ND	906	860	95	70-130	
1,3-Dichloropropane	ug/kg	ND	906	725	80	70-130	
1,4-Dichlorobenzene	ug/kg	ND	906	821	91	68-130	
2,2-Dichloropropane	ug/kg	ND	906	722	80	32-130	
2-Butanone (MEK)	ug/kg	ND	1810	1310	72	10-136	
2-Chlorotoluene	ug/kg	ND	906	922	102	69-141	
2-Hexanone	ug/kg	ND	1810	1330	74	10-144	
4-Chlorotoluene	ug/kg	ND	906	879	97	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1810	1350	75	25-143	
Acetone	ug/kg	ND	1810	1110	61	10-130	
Benzene	ug/kg	20.4	906	801	86	67-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

MATRIX SPIKE SAMPLE:		3337216	92550191020	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
Bromobenzene	ug/kg	ND	906	797	88	70-130		
Bromochloromethane	ug/kg	ND	906	721	80	69-134		
Bromodichloromethane	ug/kg	ND	906	725	80	64-130		
Bromoform	ug/kg	ND	906	659	73	62-130		
Bromomethane	ug/kg	ND	906	546	60	20-176		
Carbon tetrachloride	ug/kg	ND	906	824	91	65-140		
Chlorobenzene	ug/kg	ND	906	798	88	70-130		
Chloroethane	ug/kg	ND	906	314	35	10-130		
Chloroform	ug/kg	ND	906	810	89	63-130		
Chloromethane	ug/kg	ND	906	968	107	58-130		
cis-1,2-Dichloroethene	ug/kg	ND	906	785	87	66-130		
cis-1,3-Dichloropropene	ug/kg	ND	906	714	79	67-130		
Dibromochloromethane	ug/kg	ND	906	700	77	67-130		
Dibromomethane	ug/kg	ND	906	696	77	63-131		
Dichlorodifluoromethane	ug/kg	ND	906	1150	126	44-180 v1		
Diisopropyl ether	ug/kg	ND	906	731	81	63-130		
Ethylbenzene	ug/kg	ND	906	877	97	66-130		
Hexachloro-1,3-butadiene	ug/kg	ND	906	917	101	64-150		
Isopropylbenzene (Cumene)	ug/kg	ND	906	945	104	69-135		
m&p-Xylene	ug/kg	23.3	1810	1810	99	60-133		
Methyl-tert-butyl ether	ug/kg	ND	906	679	75	65-130		
Methylene Chloride	ug/kg	ND	906	801	88	61-130		
n-Butylbenzene	ug/kg	ND	906	953	105	65-140		
n-Propylbenzene	ug/kg	ND	906	948	105	67-140		
Naphthalene	ug/kg	ND	906	765	84	15-145		
o-Xylene	ug/kg	ND	906	803	89	66-133		
p-Isopropyltoluene	ug/kg	ND	906	960	106	56-147		
sec-Butylbenzene	ug/kg	ND	906	986	109	65-139		
Styrene	ug/kg	ND	906	817	90	70-132		
tert-Butylbenzene	ug/kg	ND	906	930	103	62-135		
Tetrachloroethene	ug/kg	ND	906	860	95	70-135		
Toluene	ug/kg	ND	906	746	82	67-130		
trans-1,2-Dichloroethene	ug/kg	ND	906	825	91	69-130		
trans-1,3-Dichloropropene	ug/kg	ND	906	699	77	62-130		
Trichloroethene	ug/kg	ND	906	781	86	70-135		
Trichlorofluoromethane	ug/kg	ND	906	251	28	10-130		
Vinyl acetate	ug/kg	ND	1810	1490	82	53-130		
Vinyl chloride	ug/kg	ND	906	962	106	61-148		
Xylene (Total)	ug/kg	23.3	2710	2620	95	63-132		
1,2-Dichloroethane-d4 (S)	%				108	70-130		
4-Bromofluorobenzene (S)	%				98	69-134		
Toluene-d8 (S)	%				100	70-130		

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

SAMPLE DUPLICATE: 3337215

Parameter	Units	92550191015 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	6.4J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	5.3J		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	10.1	9.7	4	30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30 v1	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

SAMPLE DUPLICATE: 3337215

Parameter	Units	92550191015 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	8.5J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	4.7J		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	102	103			
4-Bromofluorobenzene (S)	%	99	100			
Toluene-d8 (S)	%	101	101			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

QC Batch: 635806

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550329008

METHOD BLANK: 3338541

Matrix: Solid

Associated Lab Samples: 92550329008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	07/26/21 11:10	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	07/26/21 11:10	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	07/26/21 11:10	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	07/26/21 11:10	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	07/26/21 11:10	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	07/26/21 11:10	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	07/26/21 11:10	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	07/26/21 11:10	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	07/26/21 11:10	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	07/26/21 11:10	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	07/26/21 11:10	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	07/26/21 11:10	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	07/26/21 11:10	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	07/26/21 11:10	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	07/26/21 11:10	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	07/26/21 11:10	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	07/26/21 11:10	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	07/26/21 11:10	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	07/26/21 11:10	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	07/26/21 11:10	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	07/26/21 11:10	
2-Butanone (MEK)	ug/kg	ND	100	24.0	07/26/21 11:10	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	07/26/21 11:10	
2-Hexanone	ug/kg	ND	50.0	4.8	07/26/21 11:10	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	07/26/21 11:10	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	07/26/21 11:10	
Acetone	ug/kg	ND	100	32.1	07/26/21 11:10	
Benzene	ug/kg	ND	5.0	2.0	07/26/21 11:10	
Bromobenzene	ug/kg	ND	5.0	1.6	07/26/21 11:10	
Bromochloromethane	ug/kg	ND	5.0	1.5	07/26/21 11:10	
Bromodichloromethane	ug/kg	ND	5.0	1.9	07/26/21 11:10	
Bromoform	ug/kg	ND	5.0	1.8	07/26/21 11:10	
Bromomethane	ug/kg	ND	10.0	7.9	07/26/21 11:10	v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	07/26/21 11:10	
Chlorobenzene	ug/kg	ND	5.0	0.96	07/26/21 11:10	
Chloroethane	ug/kg	ND	10.0	3.9	07/26/21 11:10	
Chloroform	ug/kg	ND	5.0	3.0	07/26/21 11:10	
Chloromethane	ug/kg	ND	10.0	4.2	07/26/21 11:10	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	07/26/21 11:10	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	07/26/21 11:10	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

METHOD BLANK: 3338541

Matrix: Solid

Associated Lab Samples: 92550329008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	07/26/21 11:10	
Dibromomethane	ug/kg	ND	5.0	1.1	07/26/21 11:10	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	07/26/21 11:10	v1
Diisopropyl ether	ug/kg	ND	5.0	1.4	07/26/21 11:10	
Ethylbenzene	ug/kg	ND	5.0	2.3	07/26/21 11:10	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	07/26/21 11:10	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	07/26/21 11:10	
m&p-Xylene	ug/kg	ND	10.0	3.4	07/26/21 11:10	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	07/26/21 11:10	
Methylene Chloride	ug/kg	ND	20.0	13.7	07/26/21 11:10	
n-Butylbenzene	ug/kg	ND	5.0	2.4	07/26/21 11:10	
n-Propylbenzene	ug/kg	ND	5.0	1.8	07/26/21 11:10	
Naphthalene	ug/kg	ND	5.0	2.6	07/26/21 11:10	
o-Xylene	ug/kg	ND	5.0	2.2	07/26/21 11:10	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	07/26/21 11:10	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	07/26/21 11:10	
Styrene	ug/kg	ND	5.0	1.3	07/26/21 11:10	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	07/26/21 11:10	
Tetrachloroethene	ug/kg	ND	5.0	1.6	07/26/21 11:10	
Toluene	ug/kg	ND	5.0	1.4	07/26/21 11:10	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	07/26/21 11:10	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	07/26/21 11:10	
Trichloroethene	ug/kg	ND	5.0	1.3	07/26/21 11:10	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	07/26/21 11:10	
Vinyl acetate	ug/kg	ND	50.0	3.6	07/26/21 11:10	
Vinyl chloride	ug/kg	ND	10.0	2.5	07/26/21 11:10	
Xylene (Total)	ug/kg	ND	10.0	2.8	07/26/21 11:10	
1,2-Dichloroethane-d4 (S)	%	112	70-130		07/26/21 11:10	
4-Bromofluorobenzene (S)	%	100	69-134		07/26/21 11:10	
Toluene-d8 (S)	%	100	70-130		07/26/21 11:10	

LABORATORY CONTROL SAMPLE: 3338542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1390	112	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1340	107	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1330	106	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1280	102	70-130	
1,1-Dichloroethane	ug/kg	1250	1320	105	70-130	
1,1-Dichloroethene	ug/kg	1250	1400	112	70-130	
1,1-Dichloropropene	ug/kg	1250	1400	112	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1290	103	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1350	108	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1300	104	68-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

LABORATORY CONTROL SAMPLE: 3338542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1370	109	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1420	114	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1320	106	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1310	105	70-130	
1,2-Dichloroethane	ug/kg	1250	1230	98	63-130	
1,2-Dichloropropane	ug/kg	1250	1300	104	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1430	115	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1320	106	70-130	
1,3-Dichloropropane	ug/kg	1250	1320	106	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1330	106	70-130	
2,2-Dichloropropane	ug/kg	1250	1340	108	66-130	
2-Butanone (MEK)	ug/kg	2500	2820	113	70-130	
2-Chlorotoluene	ug/kg	1250	1460	117	70-130	
2-Hexanone	ug/kg	2500	2870	115	70-130	
4-Chlorotoluene	ug/kg	1250	1350	108	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2620	105	70-130	
Acetone	ug/kg	2500	2900	116	69-130	
Benzene	ug/kg	1250	1280	102	70-130	
Bromobenzene	ug/kg	1250	1360	109	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1310	104	69-130	
Bromoform	ug/kg	1250	1430	115	70-130	
Bromomethane	ug/kg	1250	1640	131	52-130	L1,v1
Carbon tetrachloride	ug/kg	1250	1430	115	70-130	
Chlorobenzene	ug/kg	1250	1350	108	70-130	
Chloroethane	ug/kg	1250	1480	118	65-130	
Chloroform	ug/kg	1250	1370	109	70-130	
Chloromethane	ug/kg	1250	1310	104	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1320	105	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1290	103	70-130	
Dibromochloromethane	ug/kg	1250	1420	114	70-130	
Dibromomethane	ug/kg	1250	1240	99	70-130	
Dichlorodifluoromethane	ug/kg	1250	1730	139	45-156	v1
Diisopropyl ether	ug/kg	1250	1260	100	70-130	
Ethylbenzene	ug/kg	1250	1420	114	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1420	114	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1490	119	70-130	
m&p-Xylene	ug/kg	2500	2880	115	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1210	97	70-130	
Methylene Chloride	ug/kg	1250	1370	110	65-130	
n-Butylbenzene	ug/kg	1250	1460	117	67-130	
n-Propylbenzene	ug/kg	1250	1460	117	70-130	
Naphthalene	ug/kg	1250	1320	105	70-130	
o-Xylene	ug/kg	1250	1290	103	70-130	
p-Isopropyltoluene	ug/kg	1250	1480	118	67-130	
sec-Butylbenzene	ug/kg	1250	1460	117	69-130	
Styrene	ug/kg	1250	1430	115	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

LABORATORY CONTROL SAMPLE: 3338542

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1430	114	67-130	
Tetrachloroethene	ug/kg	1250	1390	112	70-130	
Toluene	ug/kg	1250	1200	96	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1340	107	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1280	103	68-130	
Trichloroethene	ug/kg	1250	1270	102	70-130	
Trichlorofluoromethane	ug/kg	1250	1360	109	70-130	
Vinyl acetate	ug/kg	2500	2780	111	70-130	
Vinyl chloride	ug/kg	1250	1420	114	61-130	
Xylene (Total)	ug/kg	3750	4170	111	70-130	
1,2-Dichloroethane-d4 (S)	%			88	70-130	
4-Bromofluorobenzene (S)	%			101	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3338543 3338544

Parameter	Units	92550329008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	1620	1620	1940	1660	119	102	70-131	16	30	
1,1,1-Trichloroethane	ug/kg	ND	1620	1620	2090	1860	129	115	65-133	12	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	1620	1620	1850	1580	114	98	66-130	15	30	
1,1,2-Trichloroethane	ug/kg	ND	1620	1620	1910	1690	118	104	66-133	12	30	
1,1-Dichloroethane	ug/kg	ND	1620	1620	2030	1820	125	112	65-130	11	30	
1,1-Dichloroethene	ug/kg	ND	1620	1620	2230	1990	137	123	10-158	11	30	
1,1-Dichloropropene	ug/kg	ND	1620	1620	2210	1980	136	122	68-133	11	30	M1
1,2,3-Trichlorobenzene	ug/kg	ND	1620	1620	2020	1750	125	108	27-138	14	30	
1,2,3-Trichloropropane	ug/kg	ND	1620	1620	1790	1540	110	95	67-130	15	30	
1,2,4-Trichlorobenzene	ug/kg	ND	1620	1620	2050	1790	126	110	51-134	14	30	
1,2,4-Trimethylbenzene	ug/kg	4980	1620	1620	7860	6790	177	111	63-136	15	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	1620	1620	1970	1750	121	108	32-130	12	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	1620	1620	1840	1560	113	96	70-130	16	30	
1,2-Dichlorobenzene	ug/kg	ND	1620	1620	2000	1660	123	102	69-130	18	30	
1,2-Dichloroethane	ug/kg	ND	1620	1620	1850	1660	114	102	59-130	11	30	
1,2-Dichloropropane	ug/kg	ND	1620	1620	1970	1730	122	107	70-130	13	30	
1,3,5-Trimethylbenzene	ug/kg	1420	1620	1620	3850	3310	150	117	65-137	15	30	M1
1,3-Dichlorobenzene	ug/kg	ND	1620	1620	2030	1700	125	105	70-130	18	30	
1,3-Dichloropropane	ug/kg	ND	1620	1620	1870	1580	115	97	70-130	17	30	
1,4-Dichlorobenzene	ug/kg	ND	1620	1620	2040	1710	125	106	68-130	17	30	
2,2-Dichloropropane	ug/kg	ND	1620	1620	2090	1890	129	117	32-130	10	30	
2-Butanone (MEK)	ug/kg	ND	3250	3250	4050	3710	125	114	10-136	9	30	
2-Chlorotoluene	ug/kg	ND	1620	1620	2360	1980	146	122	69-141	18	30	M1
2-Hexanone	ug/kg	ND	3250	3250	3800	3330	117	103	10-144	13	30	
4-Chlorotoluene	ug/kg	ND	1620	1620	2100	1710	129	106	70-132	20	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	3250	3250	3640	3360	112	103	25-143	8	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3338543 3338544											
Parameter	Units	92550329008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Acetone	ug/kg	ND	3250	3250	3070	2840	95	88	10-130	8	30
Benzene	ug/kg	2230	1620	1620	4320	3880	129	102	67-130	11	30
Bromobenzene	ug/kg	ND	1620	1620	2020	1650	125	102	70-130	20	30
Bromochloromethane	ug/kg	ND	1620	1620	1800	1600	111	98	69-134	12	30
Bromodichloromethane	ug/kg	ND	1620	1620	1910	1690	118	104	64-130	13	30
Bromoform	ug/kg	ND	1620	1620	1840	1550	113	96	62-130	17	30
Bromomethane	ug/kg	ND	1620	1620	1710	1290	106	79	20-176	29	30 v1
Carbon tetrachloride	ug/kg	ND	1620	1620	2110	1870	130	115	65-140	12	30
Chlorobenzene	ug/kg	ND	1620	1620	1980	1660	122	102	70-130	17	30
Chloroethane	ug/kg	ND	1620	1620	868	770	53	47	10-130	12	30
Chloroform	ug/kg	ND	1620	1620	2060	1850	127	114	63-130	11	30
Chloromethane	ug/kg	ND	1620	1620	2380	2110	147	130	58-130	12	30 M1
cis-1,2-Dichloroethene	ug/kg	ND	1620	1620	2020	1820	124	112	66-130	10	30
cis-1,3-Dichloropropene	ug/kg	ND	1620	1620	1870	1650	115	102	67-130	12	30
Dibromochloromethane	ug/kg	ND	1620	1620	1900	1620	117	100	67-130	16	30
Dibromomethane	ug/kg	ND	1620	1620	1750	1550	108	96	63-131	12	30
Dichlorodifluoromethane	ug/kg	ND	1620	1620	2820	2510	174	155	44-180	11	30 v1
Diisopropyl ether	ug/kg	222	1620	1620	2150	1940	119	106	63-130	11	30
Ethylbenzene	ug/kg	2360	1620	1620	4740	4150	146	110	66-130	13	30 M1
Hexachloro-1,3-butadiene	ug/kg	ND	1620	1620	2300	2030	142	125	64-150	12	30
Isopropylbenzene (Cumene)	ug/kg	219	1620	1620	2440	2160	137	119	69-135	12	30 M1
m&p-Xylene	ug/kg	9490	3250	3250	14400	12700	152	100	60-133	12	30 M1
Methyl-tert-butyl ether	ug/kg	70.4	1620	1620	1840	1640	109	97	65-130	11	30
Methylene Chloride	ug/kg	ND	1620	1620	2140	1880	132	116	61-130	13	30 M1
n-Butylbenzene	ug/kg	279	1620	1620	2780	2470	154	135	65-140	12	30 M1
n-Propylbenzene	ug/kg	794	1620	1620	3250	2650	151	115	67-140	20	30 M1
Naphthalene	ug/kg	926	1620	1620	3090	2710	133	110	15-145	13	30
o-Xylene	ug/kg	3630	1620	1620	5870	5220	138	98	66-133	12	30 M1
p-Isopropyltoluene	ug/kg	233	1620	1620	2610	2170	147	120	56-147	18	30
sec-Butylbenzene	ug/kg	ND	1620	1620	2450	2060	151	127	65-139	17	30 M1
Styrene	ug/kg	114	1620	1620	2090	1750	122	101	70-132	18	30
tert-Butylbenzene	ug/kg	ND	1620	1620	2180	1940	134	120	62-135	11	30
Tetrachloroethene	ug/kg	ND	1620	1620	2050	1770	126	109	70-135	15	30
Toluene	ug/kg	10200	1620	1620	12500	11600	145	85	67-130	8	30 M1
trans-1,2-Dichloroethene	ug/kg	ND	1620	1620	2090	1870	129	115	69-130	11	30
trans-1,3-Dichloropropene	ug/kg	ND	1620	1620	1840	1600	113	99	62-130	14	30
Trichloroethene	ug/kg	ND	1620	1620	1940	1710	120	106	70-135	12	30
Trichlorofluoromethane	ug/kg	ND	1620	1620	1020	894	63	55	10-130	13	30
Vinyl acetate	ug/kg	ND	3250	3250	4000	3610	123	111	53-130	10	30
Vinyl chloride	ug/kg	ND	1620	1620	2360	2150	146	132	61-148	9	30
Xylene (Total)	ug/kg	13100	4870	4870	20300	18000	147	100	63-132	12	30 MS
1,2-Dichloroethane-d4 (S)	%						95	106	70-130		
4-Bromofluorobenzene (S)	%						95	100	69-134		
Toluene-d8 (S)	%						99	101	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

QC Batch: 634990

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550329001, 92550329002, 92550329003, 92550329004, 92550329005, 92550329006, 92550329007, 92550329008

SAMPLE DUPLICATE: 3334527

Parameter	Units	92550329001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.2	24.2	0	25	N2

SAMPLE DUPLICATE: 3334528

Parameter	Units	92550470002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	38.6	36.6	5	25	N2

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QUALIFIERS

Project: CPC HUNTERSVILLE/CPC21018
Pace Project No.: 92550329

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
 ND - Not Detected at or above adjusted reporting limit.
 TNTC - Too Numerous To Count
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
 MDL - Adjusted Method Detection Limit.
 PQL - Practical Quantitation Limit.
 RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
 S - Surrogate
 1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
 Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
 LCS(D) - Laboratory Control Sample (Duplicate)
 MS(D) - Matrix Spike (Duplicate)
 DUP - Sample Duplicate
 RPD - Relative Percent Difference
 NC - Not Calculable.
 SG - Silica Gel - Clean-Up
 U - Indicates the compound was analyzed for, but not detected.
 Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.
 A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.
 N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
 Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
 TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.
 L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
 M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
 MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
 N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
 v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE/CPC21018

Pace Project No.: 92550329

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550329001	AEA1 0-2	MADEP VPH	635226	MADEP VPH	635238
92550329002	AEA1 16-18	MADEP VPH	635226	MADEP VPH	635238
92550329003	AEA1 32-34	MADEP VPH	635226	MADEP VPH	635238
92550329004	T6 0-2	MADEP VPH	635226	MADEP VPH	635238
92550329005	T6 22-24	MADEP VPH	635226	MADEP VPH	635238
92550329006	T8 0-2	MADEP VPH	635226	MADEP VPH	635238
92550329007	T8 4-6	MADEP VPH	635298	MADEP VPH	635329
92550329008	T8 32-34	MADEP VPH	635298	MADEP VPH	635329
92550329001	AEA1 0-2	EPA 5035A/5030B	635257	EPA 8260D	635263
92550329002	AEA1 16-18	EPA 5035A/5030B	635532	EPA 8260D	635533
92550329003	AEA1 32-34	EPA 5035A/5030B	635532	EPA 8260D	635533
92550329004	T6 0-2	EPA 5035A/5030B	635532	EPA 8260D	635533
92550329005	T6 22-24	EPA 5035A/5030B	635532	EPA 8260D	635533
92550329006	T8 0-2	EPA 5035A/5030B	635532	EPA 8260D	635533
92550329007	T8 4-6	EPA 5035A/5030B	635532	EPA 8260D	635533
92550329008	T8 32-34	EPA 5035A/5030B	635806	EPA 8260D	635821
92550329001	AEA1 0-2	SW-846	634990		
92550329002	AEA1 16-18	SW-846	634990		
92550329003	AEA1 32-34	SW-846	634990		
92550329004	T6 0-2	SW-846	634990		
92550329005	T6 22-24	SW-846	634990		
92550329006	T8 0-2	SW-846	634990		
92550329007	T8 4-6	SW-846	634990		
92550329008	T8 32-34	SW-846	634990		

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July 28, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92551500

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company

JM Wyatt, Colonial Pipeline Company



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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551500001	RW-71	Solid	07/21/21 15:30	07/23/21 16:23
92551500002	RW-72 (54-56)	Solid	07/21/21 10:25	07/23/21 16:23

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551500001	RW-71	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551500002	RW-72 (54-56)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Sample: RW-71 **Lab ID: 92551500001** Collected: 07/21/21 15:30 Received: 07/23/21 16:23 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	4.9	4.9	1	07/23/21 19:46	07/24/21 10:22		N2
Aliphatic (C05-C08)	ND	mg/kg	4.9	4.9	1	07/23/21 19:46	07/24/21 10:22		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.9	4.9	1	07/23/21 19:46	07/24/21 10:22		N2
Aromatic (C09-C10)	ND	mg/kg	4.9	4.9	1	07/23/21 19:46	07/24/21 10:22		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130		1	07/23/21 19:46	07/24/21 10:22	460-00-4	
4-Bromofluorobenzene (PID) (S)	87	%	70-130		1	07/23/21 19:46	07/24/21 10:22	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	124	39.7	1	07/27/21 13:11	07/28/21 01:43	67-64-1	
Benzene	11.2	ug/kg	6.2	2.5	1	07/27/21 13:11	07/28/21 01:43	71-43-2	
Bromobenzene	ND	ug/kg	6.2	2.0	1	07/27/21 13:11	07/28/21 01:43	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1.8	1	07/27/21 13:11	07/28/21 01:43	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	2.4	1	07/27/21 13:11	07/28/21 01:43	75-27-4	
Bromoform	ND	ug/kg	6.2	2.2	1	07/27/21 13:11	07/28/21 01:43	75-25-2	
Bromomethane	ND	ug/kg	12.4	9.8	1	07/27/21 13:11	07/28/21 01:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	124	29.7	1	07/27/21 13:11	07/28/21 01:43	78-93-3	
n-Butylbenzene	ND	ug/kg	6.2	2.9	1	07/27/21 13:11	07/28/21 01:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	2.7	1	07/27/21 13:11	07/28/21 01:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	2.2	1	07/27/21 13:11	07/28/21 01:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.2	2.3	1	07/27/21 13:11	07/28/21 01:43	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1.2	1	07/27/21 13:11	07/28/21 01:43	108-90-7	
Chloroethane	ND	ug/kg	12.4	4.8	1	07/27/21 13:11	07/28/21 01:43	75-00-3	
Chloroform	ND	ug/kg	6.2	3.8	1	07/27/21 13:11	07/28/21 01:43	67-66-3	
Chloromethane	ND	ug/kg	12.4	5.2	1	07/27/21 13:11	07/28/21 01:43	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.2	2.2	1	07/27/21 13:11	07/28/21 01:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1.1	1	07/27/21 13:11	07/28/21 01:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	2.4	1	07/27/21 13:11	07/28/21 01:43	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	3.5	1	07/27/21 13:11	07/28/21 01:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	2.7	1	07/27/21 13:11	07/28/21 01:43	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1.3	1	07/27/21 13:11	07/28/21 01:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	2.2	1	07/27/21 13:11	07/28/21 01:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1.9	1	07/27/21 13:11	07/28/21 01:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1.6	1	07/27/21 13:11	07/28/21 01:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.4	2.7	1	07/27/21 13:11	07/28/21 01:43	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	2.5	1	07/27/21 13:11	07/28/21 01:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	4.1	1	07/27/21 13:11	07/28/21 01:43	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	2.5	1	07/27/21 13:11	07/28/21 01:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	2.1	1	07/27/21 13:11	07/28/21 01:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	2.2	1	07/27/21 13:11	07/28/21 01:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1.9	1	07/27/21 13:11	07/28/21 01:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1.9	1	07/27/21 13:11	07/28/21 01:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	2.0	1	07/27/21 13:11	07/28/21 01:43	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Sample: RW-71 **Lab ID: 92551500001** Collected: 07/21/21 15:30 Received: 07/23/21 16:23 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.2	3.0	1	07/27/21 13:11	07/28/21 01:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1.7	1	07/27/21 13:11	07/28/21 01:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	2.1	1	07/27/21 13:11	07/28/21 01:43	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.2	1.7	1	07/27/21 13:11	07/28/21 01:43	108-20-3	
Ethylbenzene	28.6	ug/kg	6.2	2.9	1	07/27/21 13:11	07/28/21 01:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.4	10.1	1	07/27/21 13:11	07/28/21 01:43	87-68-3	
2-Hexanone	ND	ug/kg	61.9	6.0	1	07/27/21 13:11	07/28/21 01:43	591-78-6	
Isopropylbenzene (Cumene)	3.6J	ug/kg	6.2	2.1	1	07/27/21 13:11	07/28/21 01:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.2	3.0	1	07/27/21 13:11	07/28/21 01:43	99-87-6	
Methylene Chloride	ND	ug/kg	24.7	16.9	1	07/27/21 13:11	07/28/21 01:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.9	6.0	1	07/27/21 13:11	07/28/21 01:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	2.3	1	07/27/21 13:11	07/28/21 01:43	1634-04-4	
Naphthalene	4.6J	ug/kg	6.2	3.3	1	07/27/21 13:11	07/28/21 01:43	91-20-3	
n-Propylbenzene	ND	ug/kg	6.2	2.2	1	07/27/21 13:11	07/28/21 01:43	103-65-1	
Styrene	ND	ug/kg	6.2	1.6	1	07/27/21 13:11	07/28/21 01:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	2.4	1	07/27/21 13:11	07/28/21 01:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1.6	1	07/27/21 13:11	07/28/21 01:43	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	2.0	1	07/27/21 13:11	07/28/21 01:43	127-18-4	
Toluene	79.0	ug/kg	6.2	1.8	1	07/27/21 13:11	07/28/21 01:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	5.0	1	07/27/21 13:11	07/28/21 01:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	5.2	1	07/27/21 13:11	07/28/21 01:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	3.2	1	07/27/21 13:11	07/28/21 01:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	2.1	1	07/27/21 13:11	07/28/21 01:43	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1.6	1	07/27/21 13:11	07/28/21 01:43	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	3.4	1	07/27/21 13:11	07/28/21 01:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	3.1	1	07/27/21 13:11	07/28/21 01:43	96-18-4	
1,2,4-Trimethylbenzene	56.0	ug/kg	6.2	1.7	1	07/27/21 13:11	07/28/21 01:43	95-63-6	
1,3,5-Trimethylbenzene	19.1	ug/kg	6.2	2.1	1	07/27/21 13:11	07/28/21 01:43	108-67-8	
Vinyl acetate	ND	ug/kg	61.9	4.5	1	07/27/21 13:11	07/28/21 01:43	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	3.1	1	07/27/21 13:11	07/28/21 01:43	75-01-4	
Xylene (Total)	152	ug/kg	12.4	3.5	1	07/27/21 13:11	07/28/21 01:43	1330-20-7	
m&p-Xylene	113	ug/kg	12.4	4.2	1	07/27/21 13:11	07/28/21 01:43	179601-23-1	
o-Xylene	38.7	ug/kg	6.2	2.7	1	07/27/21 13:11	07/28/21 01:43	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	07/27/21 13:11	07/28/21 01:43	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134		1	07/27/21 13:11	07/28/21 01:43	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	07/27/21 13:11	07/28/21 01:43	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	16.0	%	0.10	0.10	1	07/23/21 17:13	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Sample: RW-72 (54-56) **Lab ID: 92551500002** Collected: 07/21/21 10:25 Received: 07/23/21 16:23 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	5.3	5.3	1	07/23/21 19:46	07/24/21 10:51		N2
Aliphatic (C05-C08)	ND	mg/kg	5.3	5.3	1	07/23/21 19:46	07/24/21 10:51		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	5.3	5.3	1	07/23/21 19:46	07/24/21 10:51		N2
Aromatic (C09-C10)	ND	mg/kg	5.3	5.3	1	07/23/21 19:46	07/24/21 10:51		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1	07/23/21 19:46	07/24/21 10:51	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130		1	07/23/21 19:46	07/24/21 10:51	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	111	35.7	1	07/27/21 13:11	07/28/21 02:01	67-64-1	
Benzene	ND	ug/kg	5.6	2.2	1	07/27/21 13:11	07/28/21 02:01	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1.8	1	07/27/21 13:11	07/28/21 02:01	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.6	1	07/27/21 13:11	07/28/21 02:01	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.1	1	07/27/21 13:11	07/28/21 02:01	75-27-4	
Bromoform	ND	ug/kg	5.6	2.0	1	07/27/21 13:11	07/28/21 02:01	75-25-2	
Bromomethane	ND	ug/kg	11.1	8.8	1	07/27/21 13:11	07/28/21 02:01	74-83-9	
2-Butanone (MEK)	ND	ug/kg	111	26.7	1	07/27/21 13:11	07/28/21 02:01	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.6	1	07/27/21 13:11	07/28/21 02:01	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	2.4	1	07/27/21 13:11	07/28/21 02:01	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.0	1	07/27/21 13:11	07/28/21 02:01	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.1	1	07/27/21 13:11	07/28/21 02:01	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1.1	1	07/27/21 13:11	07/28/21 02:01	108-90-7	
Chloroethane	ND	ug/kg	11.1	4.3	1	07/27/21 13:11	07/28/21 02:01	75-00-3	
Chloroform	ND	ug/kg	5.6	3.4	1	07/27/21 13:11	07/28/21 02:01	67-66-3	
Chloromethane	ND	ug/kg	11.1	4.7	1	07/27/21 13:11	07/28/21 02:01	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	2.0	1	07/27/21 13:11	07/28/21 02:01	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	0.98	1	07/27/21 13:11	07/28/21 02:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	2.2	1	07/27/21 13:11	07/28/21 02:01	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	3.1	1	07/27/21 13:11	07/28/21 02:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.4	1	07/27/21 13:11	07/28/21 02:01	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1.2	1	07/27/21 13:11	07/28/21 02:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.0	1	07/27/21 13:11	07/28/21 02:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1.7	1	07/27/21 13:11	07/28/21 02:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.4	1	07/27/21 13:11	07/28/21 02:01	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.1	2.4	1	07/27/21 13:11	07/28/21 02:01	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	2.3	1	07/27/21 13:11	07/28/21 02:01	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	3.7	1	07/27/21 13:11	07/28/21 02:01	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	2.3	1	07/27/21 13:11	07/28/21 02:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1.9	1	07/27/21 13:11	07/28/21 02:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	1.9	1	07/27/21 13:11	07/28/21 02:01	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.7	1	07/27/21 13:11	07/28/21 02:01	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1.7	1	07/27/21 13:11	07/28/21 02:01	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.8	1	07/27/21 13:11	07/28/21 02:01	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Sample: RW-72 (54-56) **Lab ID: 92551500002** Collected: 07/21/21 10:25 Received: 07/23/21 16:23 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	5.6	2.7	1	07/27/21 13:11	07/28/21 02:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1.5	1	07/27/21 13:11	07/28/21 02:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.9	1	07/27/21 13:11	07/28/21 02:01	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.5	1	07/27/21 13:11	07/28/21 02:01	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.6	1	07/27/21 13:11	07/28/21 02:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	11.1	9.1	1	07/27/21 13:11	07/28/21 02:01	87-68-3	
2-Hexanone	ND	ug/kg	55.6	5.4	1	07/27/21 13:11	07/28/21 02:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1.9	1	07/27/21 13:11	07/28/21 02:01	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	2.7	1	07/27/21 13:11	07/28/21 02:01	99-87-6	
Methylene Chloride	ND	ug/kg	22.2	15.2	1	07/27/21 13:11	07/28/21 02:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.6	5.4	1	07/27/21 13:11	07/28/21 02:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	2.1	1	07/27/21 13:11	07/28/21 02:01	1634-04-4	
Naphthalene	ND	ug/kg	5.6	2.9	1	07/27/21 13:11	07/28/21 02:01	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	2.0	1	07/27/21 13:11	07/28/21 02:01	103-65-1	
Styrene	ND	ug/kg	5.6	1.5	1	07/27/21 13:11	07/28/21 02:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.1	1	07/27/21 13:11	07/28/21 02:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1.5	1	07/27/21 13:11	07/28/21 02:01	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1.8	1	07/27/21 13:11	07/28/21 02:01	127-18-4	
Toluene	3.9J	ug/kg	5.6	1.6	1	07/27/21 13:11	07/28/21 02:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	4.5	1	07/27/21 13:11	07/28/21 02:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	4.7	1	07/27/21 13:11	07/28/21 02:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	2.9	1	07/27/21 13:11	07/28/21 02:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1.8	1	07/27/21 13:11	07/28/21 02:01	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1.4	1	07/27/21 13:11	07/28/21 02:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	3.1	1	07/27/21 13:11	07/28/21 02:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	2.8	1	07/27/21 13:11	07/28/21 02:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1.5	1	07/27/21 13:11	07/28/21 02:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1.9	1	07/27/21 13:11	07/28/21 02:01	108-67-8	
Vinyl acetate	ND	ug/kg	55.6	4.0	1	07/27/21 13:11	07/28/21 02:01	108-05-4	
Vinyl chloride	ND	ug/kg	11.1	2.8	1	07/27/21 13:11	07/28/21 02:01	75-01-4	
Xylene (Total)	ND	ug/kg	11.1	3.2	1	07/27/21 13:11	07/28/21 02:01	1330-20-7	
m&p-Xylene	ND	ug/kg	11.1	3.8	1	07/27/21 13:11	07/28/21 02:01	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.5	1	07/27/21 13:11	07/28/21 02:01	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/27/21 13:11	07/28/21 02:01	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		1	07/27/21 13:11	07/28/21 02:01	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1	07/27/21 13:11	07/28/21 02:01	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	17.7	%	0.10	0.10	1	07/23/21 17:13	N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

QC Batch:	635680	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92551500001, 92551500002

METHOD BLANK: 3338109 Matrix: Solid

Associated Lab Samples: 92551500001, 92551500002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	07/24/21 11:19	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	07/24/21 11:19	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/24/21 11:19	
4-Bromofluorobenzene (PID) (S)	%	91	70-130		07/24/21 11:19	

LABORATORY CONTROL SAMPLE & LCSD: 3338110

		3338111								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	12.8	13.9	85	93	70-130	9	25	N2
Aromatic (C09-C10)	mg/kg	5	5.0	5.0	99	99	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				88	87	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

QC Batch: 636177

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551500001, 92551500002

METHOD BLANK: 3340328

Matrix: Solid

Associated Lab Samples: 92551500001, 92551500002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	07/27/21 23:15	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	07/27/21 23:15	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	07/27/21 23:15	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	07/27/21 23:15	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	07/27/21 23:15	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	07/27/21 23:15	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	07/27/21 23:15	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	07/27/21 23:15	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	07/27/21 23:15	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	07/27/21 23:15	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	07/27/21 23:15	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	07/27/21 23:15	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	07/27/21 23:15	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	07/27/21 23:15	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	07/27/21 23:15	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	07/27/21 23:15	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	07/27/21 23:15	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	07/27/21 23:15	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	07/27/21 23:15	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	07/27/21 23:15	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	07/27/21 23:15	
2-Butanone (MEK)	ug/kg	ND	100	24.0	07/27/21 23:15	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	07/27/21 23:15	
2-Hexanone	ug/kg	ND	50.0	4.8	07/27/21 23:15	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	07/27/21 23:15	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	07/27/21 23:15	
Acetone	ug/kg	ND	100	32.1	07/27/21 23:15	
Benzene	ug/kg	ND	5.0	2.0	07/27/21 23:15	
Bromobenzene	ug/kg	ND	5.0	1.6	07/27/21 23:15	
Bromochloromethane	ug/kg	ND	5.0	1.5	07/27/21 23:15	
Bromodichloromethane	ug/kg	ND	5.0	1.9	07/27/21 23:15	
Bromoform	ug/kg	ND	5.0	1.8	07/27/21 23:15	
Bromomethane	ug/kg	ND	10.0	7.9	07/27/21 23:15	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	07/27/21 23:15	
Chlorobenzene	ug/kg	ND	5.0	0.96	07/27/21 23:15	
Chloroethane	ug/kg	ND	10.0	3.9	07/27/21 23:15	
Chloroform	ug/kg	ND	5.0	3.0	07/27/21 23:15	
Chloromethane	ug/kg	ND	10.0	4.2	07/27/21 23:15	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	07/27/21 23:15	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	07/27/21 23:15	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

METHOD BLANK: 3340328

Matrix: Solid

Associated Lab Samples: 92551500001, 92551500002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	07/27/21 23:15	
Dibromomethane	ug/kg	ND	5.0	1.1	07/27/21 23:15	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	07/27/21 23:15	
Diisopropyl ether	ug/kg	ND	5.0	1.4	07/27/21 23:15	
Ethylbenzene	ug/kg	ND	5.0	2.3	07/27/21 23:15	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	07/27/21 23:15	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	07/27/21 23:15	
m&p-Xylene	ug/kg	ND	10.0	3.4	07/27/21 23:15	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	07/27/21 23:15	
Methylene Chloride	ug/kg	ND	20.0	13.7	07/27/21 23:15	
n-Butylbenzene	ug/kg	ND	5.0	2.4	07/27/21 23:15	
n-Propylbenzene	ug/kg	ND	5.0	1.8	07/27/21 23:15	
Naphthalene	ug/kg	ND	5.0	2.6	07/27/21 23:15	
o-Xylene	ug/kg	ND	5.0	2.2	07/27/21 23:15	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	07/27/21 23:15	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	07/27/21 23:15	
Styrene	ug/kg	ND	5.0	1.3	07/27/21 23:15	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	07/27/21 23:15	
Tetrachloroethene	ug/kg	ND	5.0	1.6	07/27/21 23:15	
Toluene	ug/kg	ND	5.0	1.4	07/27/21 23:15	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	07/27/21 23:15	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	07/27/21 23:15	
Trichloroethene	ug/kg	ND	5.0	1.3	07/27/21 23:15	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	07/27/21 23:15	
Vinyl acetate	ug/kg	ND	50.0	3.6	07/27/21 23:15	
Vinyl chloride	ug/kg	ND	10.0	2.5	07/27/21 23:15	
Xylene (Total)	ug/kg	ND	10.0	2.8	07/27/21 23:15	
1,2-Dichloroethane-d4 (S)	%	115	70-130		07/27/21 23:15	
4-Bromofluorobenzene (S)	%	99	69-134		07/27/21 23:15	
Toluene-d8 (S)	%	101	70-130		07/27/21 23:15	

LABORATORY CONTROL SAMPLE: 3340329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1140	91	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	100	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1110	89	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1160	93	70-130	
1,1-Dichloroethane	ug/kg	1250	1240	99	70-130	
1,1-Dichloroethene	ug/kg	1250	1320	106	70-130	
1,1-Dichloropropene	ug/kg	1250	1310	104	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1100	88	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1110	89	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1100	88	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

LABORATORY CONTROL SAMPLE: 3340329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1150	92	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1170	94	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1090	87	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
1,2-Dichloroethane	ug/kg	1250	1140	91	63-130	
1,2-Dichloropropane	ug/kg	1250	1190	96	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
1,3-Dichloropropane	ug/kg	1250	1070	86	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1120	90	66-130	
2-Butanone (MEK)	ug/kg	2500	2550	102	70-130	
2-Chlorotoluene	ug/kg	1250	1230	99	70-130	
2-Hexanone	ug/kg	2500	2450	98	70-130	
4-Chlorotoluene	ug/kg	1250	1130	90	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2430	97	70-130	
Acetone	ug/kg	2500	2580	103	69-130	
Benzene	ug/kg	1250	1170	93	70-130	
Bromobenzene	ug/kg	1250	1110	89	70-130	
Bromochloromethane	ug/kg	1250	1160	93	70-130	
Bromodichloromethane	ug/kg	1250	1180	95	69-130	
Bromoform	ug/kg	1250	1150	92	70-130	
Bromomethane	ug/kg	1250	1600	128	52-130	
Carbon tetrachloride	ug/kg	1250	1310	105	70-130	
Chlorobenzene	ug/kg	1250	1110	89	70-130	
Chloroethane	ug/kg	1250	1400	112	65-130	
Chloroform	ug/kg	1250	1260	101	70-130	
Chloromethane	ug/kg	1250	1230	98	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1220	97	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1140	91	70-130	
Dibromochloromethane	ug/kg	1250	1150	92	70-130	
Dibromomethane	ug/kg	1250	1110	89	70-130	
Dichlorodifluoromethane	ug/kg	1250	1600	128	45-156	
Diisopropyl ether	ug/kg	1250	1180	94	70-130	
Ethylbenzene	ug/kg	1250	1200	96	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1170	93	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1270	102	70-130	
m&p-Xylene	ug/kg	2500	2420	97	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1110	89	70-130	
Methylene Chloride	ug/kg	1250	1270	102	65-130	
n-Butylbenzene	ug/kg	1250	1190	95	67-130	
n-Propylbenzene	ug/kg	1250	1220	98	70-130	
Naphthalene	ug/kg	1250	1120	89	70-130	
o-Xylene	ug/kg	1250	1090	87	70-130	
p-Isopropyltoluene	ug/kg	1250	1240	99	67-130	
sec-Butylbenzene	ug/kg	1250	1230	98	69-130	
Styrene	ug/kg	1250	1200	96	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

LABORATORY CONTROL SAMPLE: 3340329

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1200	96	67-130	
Tetrachloroethene	ug/kg	1250	1150	92	70-130	
Toluene	ug/kg	1250	1100	88	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1260	101	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1130	91	68-130	
Trichloroethene	ug/kg	1250	1150	92	70-130	
Trichlorofluoromethane	ug/kg	1250	1260	101	70-130	
Vinyl acetate	ug/kg	2500	2540	102	70-130	
Vinyl chloride	ug/kg	1250	1340	107	61-130	
Xylene (Total)	ug/kg	3750	3510	94	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			101	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3340331

Parameter	Units	92551405009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	760	718	94	70-131	
1,1,1-Trichloroethane	ug/kg	ND	760	804	106	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	760	563	74	66-130	
1,1,2-Trichloroethane	ug/kg	ND	760	724	95	66-133	
1,1-Dichloroethane	ug/kg	ND	760	791	104	65-130	
1,1-Dichloroethene	ug/kg	ND	760	873	115	10-158	
1,1-Dichloropropene	ug/kg	ND	760	834	110	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	760	625	82	27-138	
1,2,3-Trichloropropane	ug/kg	ND	760	603	79	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	760	610	80	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	760	765	101	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	760	531	70	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	760	659	87	70-130	
1,2-Dichlorobenzene	ug/kg	ND	760	669	88	69-130	
1,2-Dichloroethane	ug/kg	ND	760	728	96	59-130	
1,2-Dichloropropane	ug/kg	ND	760	770	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	760	807	106	65-137	
1,3-Dichlorobenzene	ug/kg	ND	760	733	96	70-130	
1,3-Dichloropropane	ug/kg	ND	760	710	93	70-130	
1,4-Dichlorobenzene	ug/kg	ND	760	701	92	68-130	
2,2-Dichloropropane	ug/kg	ND	760	641	84	32-130	
2-Butanone (MEK)	ug/kg	ND	1520	1320	87	10-136	
2-Chlorotoluene	ug/kg	ND	760	800	105	69-141	
2-Hexanone	ug/kg	ND	1520	1240	81	10-144	
4-Chlorotoluene	ug/kg	ND	760	752	99	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1520	1330	88	25-143	
Acetone	ug/kg	ND	1520	1130	74	10-130	
Benzene	ug/kg	ND	760	760	100	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

MATRIX SPIKE SAMPLE:		3340331					
Parameter	Units	92551405009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	760	731	96	70-130	
Bromochloromethane	ug/kg	ND	760	709	93	69-134	
Bromodichloromethane	ug/kg	ND	760	715	94	64-130	
Bromoform	ug/kg	ND	760	620	82	62-130	
Bromomethane	ug/kg	ND	760	624	82	20-176	
Carbon tetrachloride	ug/kg	ND	760	807	106	65-140	
Chlorobenzene	ug/kg	ND	760	727	96	70-130	
Chloroethane	ug/kg	ND	760	346	46	10-130	
Chloroform	ug/kg	ND	760	790	104	63-130	
Chloromethane	ug/kg	ND	760	884	116	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	760	776	102	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	760	714	94	67-130	
Dibromochloromethane	ug/kg	ND	760	678	89	67-130	
Dibromomethane	ug/kg	ND	760	676	89	63-131	
Dichlorodifluoromethane	ug/kg	ND	760	1040	137	44-180	
Diisopropyl ether	ug/kg	ND	760	731	96	63-130	
Ethylbenzene	ug/kg	ND	760	789	104	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	760	703	93	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	760	837	110	69-135	
m&p-Xylene	ug/kg	ND	1520	1590	105	60-133	
Methyl-tert-butyl ether	ug/kg	ND	760	674	89	65-130	
Methylene Chloride	ug/kg	ND	760	788	104	61-130	
n-Butylbenzene	ug/kg	ND	760	823	108	65-140	
n-Propylbenzene	ug/kg	ND	760	804	106	67-140	
Naphthalene	ug/kg	ND	760	593	78	15-145	
o-Xylene	ug/kg	ND	760	712	94	66-133	
p-Isopropyltoluene	ug/kg	ND	760	844	111	56-147	
sec-Butylbenzene	ug/kg	ND	760	850	112	65-139	
Styrene	ug/kg	ND	760	733	96	70-132	
tert-Butylbenzene	ug/kg	ND	760	807	106	62-135	
Tetrachloroethene	ug/kg	ND	760	748	98	70-135	
Toluene	ug/kg	ND	760	707	93	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	760	810	107	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	760	674	89	62-130	
Trichloroethene	ug/kg	ND	760	753	99	70-135	
Trichlorofluoromethane	ug/kg	ND	760	279	37	10-130	
Vinyl acetate	ug/kg	ND	1520	1480	97	53-130	
Vinyl chloride	ug/kg	ND	760	906	119	61-148	
Xylene (Total)	ug/kg	ND	2270	2300	101	63-132	
1,2-Dichloroethane-d4 (S)	%				109	70-130	
4-Bromofluorobenzene (S)	%				101	69-134	
Toluene-d8 (S)	%				101	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

SAMPLE DUPLICATE: 3340330

Parameter	Units	92551405008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

SAMPLE DUPLICATE: 3340330

Parameter	Units	92551405008 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	112	109			
4-Bromofluorobenzene (S)	%	101	100			
Toluene-d8 (S)	%	100	102			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

QC Batch: 635658

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551500001, 92551500002

SAMPLE DUPLICATE: 3337975

Parameter	Units	92551452002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.4	17.4	6	25	N2

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92551500

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551500001	RW-71	MADEP VPH	635680	MADEP VPH	635823
92551500002	RW-72 (54-56)	MADEP VPH	635680	MADEP VPH	635823
92551500001	RW-71	EPA 5035A/5030B	636177	EPA 8260D	636186
92551500002	RW-72 (54-56)	EPA 5035A/5030B	636177	EPA 8260D	636186
92551500001	RW-71	SW-846	635658		
92551500002	RW-72 (54-56)	SW-846	635658		

REPORT OF LABORATORY ANALYSIS

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[illegible]



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

92551500

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit(N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (3.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

August 04, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92551963

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

A revised report is being submitted on 8/4/21 to include total VPH. This was not initially reported due to a log in error.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies

Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551963001	AE8 (0-2)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963002	AE8 (16-18)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963003	AE8 (28-30)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963004	AE7 (0-2)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963005	AE7 (6-8)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963006	AE7 (12-24)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963007	AE6 (0-2)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963008	AE6 (18-20)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92551963009	AE6 (28-30)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE8 (0-2) **Lab ID: 92551963001** Collected: 07/27/21 11:30 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<3.9	mg/kg	3.9	1	07/28/21 10:10	07/29/21 02:37		N2
Aliphatic (C05-C08)	<3.9	mg/kg	3.9	1	07/28/21 10:10	07/29/21 02:37		N2
Aliphatic(C09-C12) Adjusted	<3.9	mg/kg	3.9	1	07/28/21 10:10	07/29/21 02:37		N2
Aromatic (C09-C10)	<3.9	mg/kg	3.9	1	07/28/21 10:10	07/29/21 02:37		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	99	%	70-130	1	07/28/21 10:10	07/29/21 02:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	91	%	70-130	1	07/28/21 10:10	07/29/21 02:37	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<115	ug/kg	115	1	07/28/21 09:25	07/28/21 14:35	67-64-1	
Benzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	71-43-2	
Bromobenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	108-86-1	
Bromochloromethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	74-97-5	
Bromodichloromethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	75-27-4	
Bromoform	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	75-25-2	
Bromomethane	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	74-83-9	
2-Butanone (MEK)	<115	ug/kg	115	1	07/28/21 09:25	07/28/21 14:35	78-93-3	
n-Butylbenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	104-51-8	
sec-Butylbenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	135-98-8	
tert-Butylbenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	98-06-6	
Carbon tetrachloride	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	56-23-5	
Chlorobenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	108-90-7	
Chloroethane	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	75-00-3	
Chloroform	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	67-66-3	
Chloromethane	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	74-87-3	
2-Chlorotoluene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	95-49-8	
4-Chlorotoluene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	106-43-4	
1,2-Dibromo-3-chloropropane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	96-12-8	
Dibromochloromethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	124-48-1	
1,2-Dibromoethane (EDB)	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	106-93-4	
Dibromomethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	74-95-3	
1,2-Dichlorobenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	95-50-1	
1,3-Dichlorobenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	541-73-1	
1,4-Dichlorobenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	106-46-7	
Dichlorodifluoromethane	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	75-71-8	v1
1,1-Dichloroethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	75-34-3	
1,2-Dichloroethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	107-06-2	
1,1-Dichloroethene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	75-35-4	
cis-1,2-Dichloroethene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	156-59-2	
trans-1,2-Dichloroethene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	156-60-5	
1,2-Dichloropropane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	78-87-5	
1,3-Dichloropropane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	142-28-9	
2,2-Dichloropropane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	594-20-7	
1,1-Dichloropropene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE8 (0-2) **Lab ID:** 92551963001 **Collected:** 07/27/21 11:30 **Received:** 07/27/21 17:55 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	10061-01-5	
trans-1,3-Dichloropropene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	10061-02-6	
Diisopropyl ether	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	108-20-3	
Ethylbenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	100-41-4	
Hexachloro-1,3-butadiene	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	87-68-3	
2-Hexanone	<57.6	ug/kg	57.6	1	07/28/21 09:25	07/28/21 14:35	591-78-6	
Isopropylbenzene (Cumene)	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	98-82-8	
p-Isopropyltoluene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	99-87-6	
Methylene Chloride	<23.0	ug/kg	23.0	1	07/28/21 09:25	07/28/21 14:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	<57.6	ug/kg	57.6	1	07/28/21 09:25	07/28/21 14:35	108-10-1	
Methyl-tert-butyl ether	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	1634-04-4	
Naphthalene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	91-20-3	
n-Propylbenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	103-65-1	
Styrene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	100-42-5	
1,1,1,2-Tetrachloroethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	630-20-6	
1,1,2,2-Tetrachloroethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	79-34-5	
Tetrachloroethene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	127-18-4	
Toluene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	108-88-3	
1,2,3-Trichlorobenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	87-61-6	
1,2,4-Trichlorobenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	120-82-1	
1,1,1-Trichloroethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	71-55-6	
1,1,2-Trichloroethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	79-00-5	
Trichloroethene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	79-01-6	
Trichlorofluoromethane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	75-69-4	
1,2,3-Trichloropropane	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	96-18-4	
1,2,4-Trimethylbenzene	3.9J	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	95-63-6	
1,3,5-Trimethylbenzene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	108-67-8	
Vinyl acetate	<57.6	ug/kg	57.6	1	07/28/21 09:25	07/28/21 14:35	108-05-4	
Vinyl chloride	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	75-01-4	
Xylene (Total)	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	1330-20-7	
m&p-Xylene	<11.5	ug/kg	11.5	1	07/28/21 09:25	07/28/21 14:35	179601-23-1	
o-Xylene	<5.8	ug/kg	5.8	1	07/28/21 09:25	07/28/21 14:35	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 14:35	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134	1	07/28/21 09:25	07/28/21 14:35	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1	07/28/21 09:25	07/28/21 14:35	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	25.3	%	0.10	1		07/28/21 15:21		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE8 (16-18) **Lab ID: 92551963002** Collected: 07/27/21 11:35 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<4.1	mg/kg	4.1	1	07/28/21 10:10	07/29/21 03:05		N2
Aliphatic (C05-C08)	<4.1	mg/kg	4.1	1	07/28/21 10:10	07/29/21 03:05		N2
Aliphatic(C09-C12) Adjusted	<4.1	mg/kg	4.1	1	07/28/21 10:10	07/29/21 03:05		N2
Aromatic (C09-C10)	<4.1	mg/kg	4.1	1	07/28/21 10:10	07/29/21 03:05		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	97	%	70-130	1	07/28/21 10:10	07/29/21 03:05	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130	1	07/28/21 10:10	07/29/21 03:05	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<129	ug/kg	129	1	07/28/21 09:25	07/28/21 14:53	67-64-1	
Benzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	71-43-2	
Bromobenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	108-86-1	
Bromochloromethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	74-97-5	
Bromodichloromethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	75-27-4	
Bromoform	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	75-25-2	
Bromomethane	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	74-83-9	
2-Butanone (MEK)	<129	ug/kg	129	1	07/28/21 09:25	07/28/21 14:53	78-93-3	
n-Butylbenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	104-51-8	
sec-Butylbenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	135-98-8	
tert-Butylbenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	98-06-6	
Carbon tetrachloride	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	56-23-5	
Chlorobenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	108-90-7	
Chloroethane	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	75-00-3	
Chloroform	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	67-66-3	
Chloromethane	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	74-87-3	
2-Chlorotoluene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	95-49-8	
4-Chlorotoluene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	106-43-4	
1,2-Dibromo-3-chloropropane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	96-12-8	
Dibromochloromethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	124-48-1	
1,2-Dibromoethane (EDB)	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	106-93-4	
Dibromomethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	74-95-3	
1,2-Dichlorobenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	95-50-1	
1,3-Dichlorobenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	541-73-1	
1,4-Dichlorobenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	106-46-7	
Dichlorodifluoromethane	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	75-71-8	v1
1,1-Dichloroethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	75-34-3	
1,2-Dichloroethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	107-06-2	
1,1-Dichloroethene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	75-35-4	
cis-1,2-Dichloroethene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	156-59-2	
trans-1,2-Dichloroethene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	156-60-5	
1,2-Dichloropropane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	78-87-5	
1,3-Dichloropropane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	142-28-9	
2,2-Dichloropropane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	594-20-7	
1,1-Dichloropropene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE8 (16-18) **Lab ID: 92551963002** Collected: 07/27/21 11:35 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	10061-01-5	
trans-1,3-Dichloropropene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	10061-02-6	
Diisopropyl ether	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	108-20-3	
Ethylbenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	100-41-4	
Hexachloro-1,3-butadiene	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	87-68-3	
2-Hexanone	<64.6	ug/kg	64.6	1	07/28/21 09:25	07/28/21 14:53	591-78-6	
Isopropylbenzene (Cumene)	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	98-82-8	
p-Isopropyltoluene	31.6	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	99-87-6	
Methylene Chloride	<25.8	ug/kg	25.8	1	07/28/21 09:25	07/28/21 14:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	<64.6	ug/kg	64.6	1	07/28/21 09:25	07/28/21 14:53	108-10-1	
Methyl-tert-butyl ether	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	1634-04-4	
Naphthalene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	91-20-3	
n-Propylbenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	103-65-1	
Styrene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	100-42-5	
1,1,1,2-Tetrachloroethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	630-20-6	
1,1,2,2-Tetrachloroethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	79-34-5	
Tetrachloroethene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	127-18-4	
Toluene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	108-88-3	
1,2,3-Trichlorobenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	87-61-6	
1,2,4-Trichlorobenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	120-82-1	
1,1,1-Trichloroethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	71-55-6	
1,1,2-Trichloroethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	79-00-5	
Trichloroethene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	79-01-6	
Trichlorofluoromethane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	75-69-4	
1,2,3-Trichloropropane	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	96-18-4	
1,2,4-Trimethylbenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	95-63-6	
1,3,5-Trimethylbenzene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	108-67-8	
Vinyl acetate	<64.6	ug/kg	64.6	1	07/28/21 09:25	07/28/21 14:53	108-05-4	
Vinyl chloride	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	75-01-4	
Xylene (Total)	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	1330-20-7	
m&p-Xylene	<12.9	ug/kg	12.9	1	07/28/21 09:25	07/28/21 14:53	179601-23-1	
o-Xylene	<6.5	ug/kg	6.5	1	07/28/21 09:25	07/28/21 14:53	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	70-130	1	07/28/21 09:25	07/28/21 14:53	2037-26-5	
4-Bromofluorobenzene (S)	102	%	69-134	1	07/28/21 09:25	07/28/21 14:53	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1	07/28/21 09:25	07/28/21 14:53	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	22.3	%	0.10	1		07/28/21 15:21		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE8 (28-30) **Lab ID: 92551963003** Collected: 07/27/21 11:40 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	39.5	mg/kg	3.8	1	07/28/21 10:10	07/29/21 03:34		N2
Aliphatic (C05-C08)	32.0	mg/kg	3.8	1	07/28/21 10:10	07/29/21 03:34		N2
Aliphatic(C09-C12) Adjusted	6.6	mg/kg	3.8	1	07/28/21 10:10	07/29/21 03:34		N2
Aromatic (C09-C10)	<3.8	mg/kg	3.8	1	07/28/21 10:10	07/29/21 03:34		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	97	%	70-130	1	07/28/21 10:10	07/29/21 03:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130	1	07/28/21 10:10	07/29/21 03:34	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<121	ug/kg	121	1	07/28/21 09:25	07/28/21 15:12	67-64-1	
Benzene	640	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	71-43-2	
Bromobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	108-86-1	
Bromochloromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	74-97-5	
Bromodichloromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	75-27-4	
Bromoform	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	75-25-2	
Bromomethane	<12.1	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	74-83-9	
2-Butanone (MEK)	111J	ug/kg	121	1	07/28/21 09:25	07/28/21 15:12	78-93-3	
n-Butylbenzene	58.4	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	104-51-8	
sec-Butylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	135-98-8	
tert-Butylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	98-06-6	
Carbon tetrachloride	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	56-23-5	
Chlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	108-90-7	
Chloroethane	<12.1	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	75-00-3	
Chloroform	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	67-66-3	
Chloromethane	<12.1	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	74-87-3	
2-Chlorotoluene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	95-49-8	
4-Chlorotoluene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	106-43-4	
1,2-Dibromo-3-chloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	96-12-8	
Dibromochloromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	124-48-1	
1,2-Dibromoethane (EDB)	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	106-93-4	
Dibromomethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	74-95-3	
1,2-Dichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	95-50-1	
1,3-Dichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	541-73-1	
1,4-Dichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	106-46-7	
Dichlorodifluoromethane	<12.1	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	75-71-8	v1
1,1-Dichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	75-34-3	
1,2-Dichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	107-06-2	
1,1-Dichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	75-35-4	
cis-1,2-Dichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	156-59-2	
trans-1,2-Dichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	156-60-5	
1,2-Dichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	78-87-5	
1,3-Dichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	142-28-9	
2,2-Dichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	594-20-7	
1,1-Dichloropropene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE8 (28-30) **Lab ID: 92551963003** Collected: 07/27/21 11:40 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	10061-01-5	
trans-1,3-Dichloropropene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	10061-02-6	
Diisopropyl ether	70.6	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	108-20-3	
Ethylbenzene	467	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	100-41-4	
Hexachloro-1,3-butadiene	<12.1	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	87-68-3	
2-Hexanone	<60.3	ug/kg	60.3	1	07/28/21 09:25	07/28/21 15:12	591-78-6	
Isopropylbenzene (Cumene)	43.9	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	98-82-8	
p-Isopropyltoluene	46.1	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	99-87-6	
Methylene Chloride	<24.1	ug/kg	24.1	1	07/28/21 09:25	07/28/21 15:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	<60.3	ug/kg	60.3	1	07/28/21 09:25	07/28/21 15:12	108-10-1	
Methyl-tert-butyl ether	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	1634-04-4	
Naphthalene	154	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	91-20-3	
n-Propylbenzene	166	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	103-65-1	
Styrene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	630-20-6	
1,1,2,2-Tetrachloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	79-34-5	
Tetrachloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	127-18-4	
Toluene	2360	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	108-88-3	
1,2,3-Trichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	87-61-6	
1,2,4-Trichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	120-82-1	
1,1,1-Trichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	71-55-6	
1,1,2-Trichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	79-00-5	
Trichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	79-01-6	
Trichlorofluoromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	75-69-4	
1,2,3-Trichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	96-18-4	
1,2,4-Trimethylbenzene	948	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	95-63-6	
1,3,5-Trimethylbenzene	283	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	108-67-8	
Vinyl acetate	<60.3	ug/kg	60.3	1	07/28/21 09:25	07/28/21 15:12	108-05-4	
Vinyl chloride	<12.1	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	75-01-4	
Xylene (Total)	2490	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	1330-20-7	
m&p-Xylene	1820	ug/kg	12.1	1	07/28/21 09:25	07/28/21 15:12	179601-23-1	
o-Xylene	669	ug/kg	6.0	1	07/28/21 09:25	07/28/21 15:12	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 15:12	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134	1	07/28/21 09:25	07/28/21 15:12	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 15:12	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	22.6	%	0.10	1		07/28/21 15:21		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE7 (0-2) **Lab ID: 92551963004** Collected: 07/27/21 14:45 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 04:02		N2
Aliphatic (C05-C08)	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 04:02		N2
Aliphatic(C09-C12) Adjusted	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 04:02		N2
Aromatic (C09-C10)	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 04:02		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1	07/28/21 10:10	07/29/21 04:02	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130	1	07/28/21 10:10	07/29/21 04:02	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<118	ug/kg	118	1	07/28/21 09:25	07/28/21 15:30	67-64-1	
Benzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	71-43-2	
Bromobenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	108-86-1	
Bromochloromethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	74-97-5	
Bromodichloromethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	75-27-4	
Bromoform	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	75-25-2	
Bromomethane	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	74-83-9	
2-Butanone (MEK)	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	78-93-3	
n-Butylbenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	104-51-8	
sec-Butylbenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	135-98-8	
tert-Butylbenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	98-06-6	
Carbon tetrachloride	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	56-23-5	
Chlorobenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	108-90-7	
Chloroethane	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	75-00-3	
Chloroform	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	67-66-3	
Chloromethane	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	74-87-3	
2-Chlorotoluene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	95-49-8	
4-Chlorotoluene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	106-43-4	
1,2-Dibromo-3-chloropropane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	96-12-8	
Dibromochloromethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	124-48-1	
1,2-Dibromoethane (EDB)	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	106-93-4	
Dibromomethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	74-95-3	
1,2-Dichlorobenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	95-50-1	
1,3-Dichlorobenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	541-73-1	
1,4-Dichlorobenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	106-46-7	
Dichlorodifluoromethane	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	75-71-8	v1
1,1-Dichloroethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	75-34-3	
1,2-Dichloroethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	107-06-2	
1,1-Dichloroethene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	75-35-4	
cis-1,2-Dichloroethene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	156-59-2	
trans-1,2-Dichloroethene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	156-60-5	
1,2-Dichloropropane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	78-87-5	
1,3-Dichloropropane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	142-28-9	
2,2-Dichloropropane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	594-20-7	
1,1-Dichloropropene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE7 (0-2) **Lab ID:** 92551963004 **Collected:** 07/27/21 14:45 **Received:** 07/27/21 17:55 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	10061-01-5	
trans-1,3-Dichloropropene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	10061-02-6	
Diisopropyl ether	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	108-20-3	
Ethylbenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	100-41-4	
Hexachloro-1,3-butadiene	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	87-68-3	
2-Hexanone	<58.9	ug/kg	58.9	1	07/28/21 09:25	07/28/21 15:30	591-78-6	
Isopropylbenzene (Cumene)	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	98-82-8	
p-Isopropyltoluene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	99-87-6	
Methylene Chloride	<23.6	ug/kg	23.6	1	07/28/21 09:25	07/28/21 15:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	<58.9	ug/kg	58.9	1	07/28/21 09:25	07/28/21 15:30	108-10-1	
Methyl-tert-butyl ether	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	1634-04-4	
Naphthalene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	91-20-3	
n-Propylbenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	103-65-1	
Styrene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	100-42-5	
1,1,1,2-Tetrachloroethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	630-20-6	
1,1,2,2-Tetrachloroethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	79-34-5	
Tetrachloroethene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	127-18-4	
Toluene	3.3J	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	108-88-3	
1,2,3-Trichlorobenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	87-61-6	
1,2,4-Trichlorobenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	120-82-1	
1,1,1-Trichloroethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	71-55-6	
1,1,2-Trichloroethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	79-00-5	
Trichloroethene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	79-01-6	
Trichlorofluoromethane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	75-69-4	
1,2,3-Trichloropropane	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	96-18-4	
1,2,4-Trimethylbenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	95-63-6	
1,3,5-Trimethylbenzene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	108-67-8	
Vinyl acetate	<58.9	ug/kg	58.9	1	07/28/21 09:25	07/28/21 15:30	108-05-4	
Vinyl chloride	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	75-01-4	
Xylene (Total)	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	1330-20-7	
m&p-Xylene	<11.8	ug/kg	11.8	1	07/28/21 09:25	07/28/21 15:30	179601-23-1	
o-Xylene	<5.9	ug/kg	5.9	1	07/28/21 09:25	07/28/21 15:30	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 15:30	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134	1	07/28/21 09:25	07/28/21 15:30	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1	07/28/21 09:25	07/28/21 15:30	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.8	%	0.10	1		07/28/21 15:21		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE7 (6-8) **Lab ID: 92551963005** Collected: 07/27/21 14:50 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 04:31		N2
Aliphatic (C05-C08)	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 04:31		N2
Aliphatic(C09-C12) Adjusted	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 04:31		N2
Aromatic (C09-C10)	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 04:31		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	97	%	70-130	1	07/28/21 10:10	07/29/21 04:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	87	%	70-130	1	07/28/21 10:10	07/29/21 04:31	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<124	ug/kg	124	1	07/28/21 09:25	07/28/21 15:49	67-64-1	
Benzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	71-43-2	
Bromobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	108-86-1	
Bromochloromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	74-97-5	
Bromodichloromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	75-27-4	
Bromoform	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	75-25-2	
Bromomethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	74-83-9	
2-Butanone (MEK)	<124	ug/kg	124	1	07/28/21 09:25	07/28/21 15:49	78-93-3	
n-Butylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	104-51-8	
sec-Butylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	135-98-8	
tert-Butylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	98-06-6	
Carbon tetrachloride	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	56-23-5	
Chlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	108-90-7	
Chloroethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	75-00-3	
Chloroform	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	67-66-3	
Chloromethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	74-87-3	
2-Chlorotoluene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	95-49-8	
4-Chlorotoluene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	106-43-4	
1,2-Dibromo-3-chloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	96-12-8	
Dibromochloromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	124-48-1	
1,2-Dibromoethane (EDB)	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	106-93-4	
Dibromomethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	74-95-3	
1,2-Dichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	95-50-1	
1,3-Dichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	541-73-1	
1,4-Dichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	106-46-7	
Dichlorodifluoromethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	75-71-8	v1
1,1-Dichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	75-34-3	
1,2-Dichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	107-06-2	
1,1-Dichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	75-35-4	
cis-1,2-Dichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	156-59-2	
trans-1,2-Dichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	156-60-5	
1,2-Dichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	78-87-5	
1,3-Dichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	142-28-9	
2,2-Dichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	594-20-7	
1,1-Dichloropropene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE7 (6-8) **Lab ID:** 92551963005 **Collected:** 07/27/21 14:50 **Received:** 07/27/21 17:55 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
cis-1,3-Dichloropropene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	10061-01-5	
trans-1,3-Dichloropropene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	10061-02-6	
Diisopropyl ether	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	108-20-3	
Ethylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	100-41-4	
Hexachloro-1,3-butadiene	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	87-68-3	
2-Hexanone	<61.9	ug/kg	61.9	1	07/28/21 09:25	07/28/21 15:49	591-78-6	
Isopropylbenzene (Cumene)	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	98-82-8	
p-Isopropyltoluene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	99-87-6	
Methylene Chloride	<24.7	ug/kg	24.7	1	07/28/21 09:25	07/28/21 15:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	<61.9	ug/kg	61.9	1	07/28/21 09:25	07/28/21 15:49	108-10-1	
Methyl-tert-butyl ether	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	1634-04-4	
Naphthalene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	91-20-3	
n-Propylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	103-65-1	
Styrene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	100-42-5	
1,1,1,2-Tetrachloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	630-20-6	
1,1,2,2-Tetrachloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	79-34-5	
Tetrachloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	127-18-4	
Toluene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	108-88-3	
1,2,3-Trichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	87-61-6	
1,2,4-Trichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	120-82-1	
1,1,1-Trichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	71-55-6	
1,1,2-Trichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	79-00-5	
Trichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	79-01-6	
Trichlorofluoromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	75-69-4	
1,2,3-Trichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	96-18-4	
1,2,4-Trimethylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	95-63-6	
1,3,5-Trimethylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	108-67-8	
Vinyl acetate	<61.9	ug/kg	61.9	1	07/28/21 09:25	07/28/21 15:49	108-05-4	
Vinyl chloride	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	75-01-4	
Xylene (Total)	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	1330-20-7	
m&p-Xylene	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 15:49	179601-23-1	
o-Xylene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 15:49	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 15:49	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134	1	07/28/21 09:25	07/28/21 15:49	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1	07/28/21 09:25	07/28/21 15:49	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	21.0	%	0.10	1	07/28/21 15:22			N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE7 (12-24) **Lab ID: 92551963006** Collected: 07/27/21 14:55 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<3.2	mg/kg	3.2	1	07/28/21 10:10	07/29/21 04:59		N2
Aliphatic (C05-C08)	<3.2	mg/kg	3.2	1	07/28/21 10:10	07/29/21 04:59		N2
Aliphatic(C09-C12) Adjusted	<3.2	mg/kg	3.2	1	07/28/21 10:10	07/29/21 04:59		N2
Aromatic (C09-C10)	<3.2	mg/kg	3.2	1	07/28/21 10:10	07/29/21 04:59		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	98	%	70-130	1	07/28/21 10:10	07/29/21 04:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130	1	07/28/21 10:10	07/29/21 04:59	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<107	ug/kg	107	1	07/28/21 09:25	07/28/21 16:07	67-64-1	
Benzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	71-43-2	
Bromobenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	108-86-1	
Bromochloromethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	74-97-5	
Bromodichloromethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	75-27-4	
Bromoform	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	75-25-2	
Bromomethane	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	74-83-9	
2-Butanone (MEK)	<107	ug/kg	107	1	07/28/21 09:25	07/28/21 16:07	78-93-3	
n-Butylbenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	104-51-8	
sec-Butylbenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	135-98-8	
tert-Butylbenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	98-06-6	
Carbon tetrachloride	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	56-23-5	
Chlorobenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	108-90-7	
Chloroethane	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	75-00-3	
Chloroform	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	67-66-3	
Chloromethane	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	74-87-3	
2-Chlorotoluene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	95-49-8	
4-Chlorotoluene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	106-43-4	
1,2-Dibromo-3-chloropropane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	96-12-8	
Dibromochloromethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	124-48-1	
1,2-Dibromoethane (EDB)	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	106-93-4	
Dibromomethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	74-95-3	
1,2-Dichlorobenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	95-50-1	
1,3-Dichlorobenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	541-73-1	
1,4-Dichlorobenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	106-46-7	
Dichlorodifluoromethane	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	75-71-8	v1
1,1-Dichloroethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	75-34-3	
1,2-Dichloroethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	107-06-2	
1,1-Dichloroethene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	75-35-4	
cis-1,2-Dichloroethene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	156-59-2	
trans-1,2-Dichloroethene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	156-60-5	
1,2-Dichloropropane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	78-87-5	
1,3-Dichloropropane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	142-28-9	
2,2-Dichloropropane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	594-20-7	
1,1-Dichloropropene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE7 (12-24) **Lab ID:** 92551963006 **Collected:** 07/27/21 14:55 **Received:** 07/27/21 17:55 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	10061-01-5	
trans-1,3-Dichloropropene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	10061-02-6	
Diisopropyl ether	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	108-20-3	
Ethylbenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	100-41-4	
Hexachloro-1,3-butadiene	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	87-68-3	
2-Hexanone	<53.3	ug/kg	53.3	1	07/28/21 09:25	07/28/21 16:07	591-78-6	
Isopropylbenzene (Cumene)	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	98-82-8	
p-Isopropyltoluene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	99-87-6	
Methylene Chloride	<21.3	ug/kg	21.3	1	07/28/21 09:25	07/28/21 16:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	<53.3	ug/kg	53.3	1	07/28/21 09:25	07/28/21 16:07	108-10-1	
Methyl-tert-butyl ether	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	1634-04-4	
Naphthalene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	91-20-3	
n-Propylbenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	103-65-1	
Styrene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	100-42-5	
1,1,1,2-Tetrachloroethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	79-34-5	
Tetrachloroethene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	127-18-4	
Toluene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	108-88-3	
1,2,3-Trichlorobenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	87-61-6	
1,2,4-Trichlorobenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	120-82-1	
1,1,1-Trichloroethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	71-55-6	
1,1,2-Trichloroethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	79-00-5	
Trichloroethene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	79-01-6	
Trichlorofluoromethane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	75-69-4	
1,2,3-Trichloropropane	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	96-18-4	
1,2,4-Trimethylbenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	95-63-6	
1,3,5-Trimethylbenzene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	108-67-8	
Vinyl acetate	<53.3	ug/kg	53.3	1	07/28/21 09:25	07/28/21 16:07	108-05-4	
Vinyl chloride	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	75-01-4	
Xylene (Total)	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	1330-20-7	
m&p-Xylene	<10.7	ug/kg	10.7	1	07/28/21 09:25	07/28/21 16:07	179601-23-1	
o-Xylene	<5.3	ug/kg	5.3	1	07/28/21 09:25	07/28/21 16:07	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 16:07	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134	1	07/28/21 09:25	07/28/21 16:07	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1	07/28/21 09:25	07/28/21 16:07	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	16.7	%	0.10	1	07/28/21 15:22	N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE6 (0-2) **Lab ID: 92551963007** Collected: 07/27/21 16:25 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 05:27		N2
Aliphatic (C05-C08)	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 05:27		N2
Aliphatic(C09-C12) Adjusted	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 05:27		N2
Aromatic (C09-C10)	<3.7	mg/kg	3.7	1	07/28/21 10:10	07/29/21 05:27		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	96	%	70-130	1	07/28/21 10:10	07/29/21 05:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130	1	07/28/21 10:10	07/29/21 05:27	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<120	ug/kg	120	1	07/28/21 09:25	07/28/21 16:25	67-64-1	
Benzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	71-43-2	
Bromobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	108-86-1	
Bromochloromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	74-97-5	
Bromodichloromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	75-27-4	
Bromoform	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	75-25-2	
Bromomethane	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	74-83-9	
2-Butanone (MEK)	<120	ug/kg	120	1	07/28/21 09:25	07/28/21 16:25	78-93-3	
n-Butylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	104-51-8	
sec-Butylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	135-98-8	
tert-Butylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	98-06-6	
Carbon tetrachloride	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	56-23-5	
Chlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	108-90-7	
Chloroethane	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	75-00-3	
Chloroform	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	67-66-3	
Chloromethane	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	74-87-3	
2-Chlorotoluene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	95-49-8	
4-Chlorotoluene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	106-43-4	
1,2-Dibromo-3-chloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	96-12-8	
Dibromochloromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	124-48-1	
1,2-Dibromoethane (EDB)	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	106-93-4	
Dibromomethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	74-95-3	
1,2-Dichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	95-50-1	
1,3-Dichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	541-73-1	
1,4-Dichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	106-46-7	
Dichlorodifluoromethane	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	75-71-8	v1
1,1-Dichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	75-34-3	
1,2-Dichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	107-06-2	
1,1-Dichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	75-35-4	
cis-1,2-Dichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	156-59-2	
trans-1,2-Dichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	156-60-5	
1,2-Dichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	78-87-5	
1,3-Dichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	142-28-9	
2,2-Dichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	594-20-7	
1,1-Dichloropropene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE6 (0-2) **Lab ID:** 92551963007 **Collected:** 07/27/21 16:25 **Received:** 07/27/21 17:55 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	10061-01-5	
trans-1,3-Dichloropropene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	10061-02-6	
Diisopropyl ether	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	108-20-3	
Ethylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	100-41-4	
Hexachloro-1,3-butadiene	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	87-68-3	
2-Hexanone	<60.2	ug/kg	60.2	1	07/28/21 09:25	07/28/21 16:25	591-78-6	
Isopropylbenzene (Cumene)	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	98-82-8	
p-Isopropyltoluene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	99-87-6	
Methylene Chloride	<24.1	ug/kg	24.1	1	07/28/21 09:25	07/28/21 16:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	<60.2	ug/kg	60.2	1	07/28/21 09:25	07/28/21 16:25	108-10-1	
Methyl-tert-butyl ether	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	1634-04-4	
Naphthalene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	91-20-3	
n-Propylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	103-65-1	
Styrene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	100-42-5	
1,1,1,2-Tetrachloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	630-20-6	
1,1,2,2-Tetrachloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	79-34-5	
Tetrachloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	127-18-4	
Toluene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	108-88-3	
1,2,3-Trichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	87-61-6	
1,2,4-Trichlorobenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	120-82-1	
1,1,1-Trichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	71-55-6	
1,1,2-Trichloroethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	79-00-5	
Trichloroethene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	79-01-6	
Trichlorofluoromethane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	75-69-4	
1,2,3-Trichloropropane	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	96-18-4	
1,2,4-Trimethylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	95-63-6	
1,3,5-Trimethylbenzene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	108-67-8	
Vinyl acetate	<60.2	ug/kg	60.2	1	07/28/21 09:25	07/28/21 16:25	108-05-4	
Vinyl chloride	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	75-01-4	
Xylene (Total)	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	1330-20-7	
m&p-Xylene	<12.0	ug/kg	12.0	1	07/28/21 09:25	07/28/21 16:25	179601-23-1	
o-Xylene	<6.0	ug/kg	6.0	1	07/28/21 09:25	07/28/21 16:25	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 16:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134	1	07/28/21 09:25	07/28/21 16:25	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1	07/28/21 09:25	07/28/21 16:25	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.7	%	0.10	1	07/28/21 15:22	N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE6 (18-20) **Lab ID: 92551963008** Collected: 07/27/21 16:30 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 05:56		N2
Aliphatic (C05-C08)	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 05:56		N2
Aliphatic(C09-C12) Adjusted	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 05:56		N2
Aromatic (C09-C10)	<3.5	mg/kg	3.5	1	07/28/21 10:10	07/29/21 05:56		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	94	%	70-130	1	07/28/21 10:10	07/29/21 05:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130	1	07/28/21 10:10	07/29/21 05:56	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	<124	ug/kg	124	1	07/28/21 09:25	07/28/21 16:44	67-64-1	
Benzene	47.6	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	71-43-2	
Bromobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	108-86-1	
Bromochloromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	74-97-5	
Bromodichloromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	75-27-4	
Bromoform	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	75-25-2	
Bromomethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	74-83-9	
2-Butanone (MEK)	<124	ug/kg	124	1	07/28/21 09:25	07/28/21 16:44	78-93-3	
n-Butylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	104-51-8	
sec-Butylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	135-98-8	
tert-Butylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	98-06-6	
Carbon tetrachloride	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	56-23-5	
Chlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	108-90-7	
Chloroethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	75-00-3	
Chloroform	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	67-66-3	
Chloromethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	74-87-3	
2-Chlorotoluene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	95-49-8	
4-Chlorotoluene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	106-43-4	
1,2-Dibromo-3-chloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	96-12-8	
Dibromochloromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	124-48-1	
1,2-Dibromoethane (EDB)	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	106-93-4	
Dibromomethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	74-95-3	
1,2-Dichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	95-50-1	
1,3-Dichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	541-73-1	
1,4-Dichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	106-46-7	
Dichlorodifluoromethane	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	75-71-8	v1
1,1-Dichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	75-34-3	
1,2-Dichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	107-06-2	
1,1-Dichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	75-35-4	
cis-1,2-Dichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	156-59-2	
trans-1,2-Dichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	156-60-5	
1,2-Dichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	78-87-5	
1,3-Dichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	142-28-9	
2,2-Dichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	594-20-7	
1,1-Dichloropropene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE6 (18-20) **Lab ID: 92551963008** Collected: 07/27/21 16:30 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	10061-01-5	
trans-1,3-Dichloropropene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	10061-02-6	
Diisopropyl ether	5.9J	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	108-20-3	
Ethylbenzene	16.7	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	100-41-4	
Hexachloro-1,3-butadiene	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	87-68-3	
2-Hexanone	<62.2	ug/kg	62.2	1	07/28/21 09:25	07/28/21 16:44	591-78-6	
Isopropylbenzene (Cumene)	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	98-82-8	
p-Isopropyltoluene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	99-87-6	
Methylene Chloride	<24.9	ug/kg	24.9	1	07/28/21 09:25	07/28/21 16:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	<62.2	ug/kg	62.2	1	07/28/21 09:25	07/28/21 16:44	108-10-1	
Methyl-tert-butyl ether	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	1634-04-4	
Naphthalene	9.1	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	91-20-3	
n-Propylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	103-65-1	
Styrene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	100-42-5	
1,1,1,2-Tetrachloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	630-20-6	
1,1,2,2-Tetrachloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	79-34-5	
Tetrachloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	127-18-4	
Toluene	134	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	108-88-3	
1,2,3-Trichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	87-61-6	
1,2,4-Trichlorobenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	120-82-1	
1,1,1-Trichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	71-55-6	
1,1,2-Trichloroethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	79-00-5	
Trichloroethene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	79-01-6	
Trichlorofluoromethane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	75-69-4	
1,2,3-Trichloropropane	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	96-18-4	
1,2,4-Trimethylbenzene	25.9	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	95-63-6	
1,3,5-Trimethylbenzene	<6.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	108-67-8	
Vinyl acetate	<62.2	ug/kg	62.2	1	07/28/21 09:25	07/28/21 16:44	108-05-4	
Vinyl chloride	<12.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	75-01-4	
Xylene (Total)	93.4	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	1330-20-7	
m&p-Xylene	60.2	ug/kg	12.4	1	07/28/21 09:25	07/28/21 16:44	179601-23-1	
o-Xylene	33.2	ug/kg	6.2	1	07/28/21 09:25	07/28/21 16:44	95-47-6	
Surrogates								
Toluene-d8 (S)	101	%	70-130	1	07/28/21 09:25	07/28/21 16:44	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134	1	07/28/21 09:25	07/28/21 16:44	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1	07/28/21 09:25	07/28/21 16:44	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	16.2	%	0.10	1		07/28/21 15:40		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE6 (28-30) **Lab ID: 92551963009** Collected: 07/27/21 16:35 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	8510	mg/kg	39.5	12.5	07/28/21 10:10	07/29/21 11:44		N2
Aliphatic (C05-C08)	5840	mg/kg	39.5	12.5	07/28/21 10:10	07/29/21 11:44		N2
Aliphatic(C09-C12) Adjusted	1900	mg/kg	39.5	12.5	07/28/21 10:10	07/29/21 11:44		N2
Aromatic (C09-C10)	763	mg/kg	39.5	12.5	07/28/21 10:10	07/29/21 11:44		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	123	%	70-130	12.5	07/28/21 10:10	07/29/21 11:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	68	%	70-130	12.5	07/28/21 10:10	07/29/21 11:44	460-00-4	S0
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Acetone	<3480	ug/kg	3480	25	07/29/21 10:07	07/29/21 12:40	67-64-1	
Benzene	8510	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	71-43-2	
Bromobenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	108-86-1	
Bromochloromethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	74-97-5	
Bromodichloromethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	75-27-4	
Bromoform	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	75-25-2	
Bromomethane	<348	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	74-83-9	
2-Butanone (MEK)	<3480	ug/kg	3480	25	07/29/21 10:07	07/29/21 12:40	78-93-3	
n-Butylbenzene	6740	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	104-51-8	
sec-Butylbenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	135-98-8	
tert-Butylbenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	98-06-6	
Carbon tetrachloride	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	56-23-5	
Chlorobenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	108-90-7	
Chloroethane	<348	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	75-00-3	M1
Chloroform	261	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	67-66-3	
Chloromethane	<348	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	74-87-3	
2-Chlorotoluene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	95-49-8	
4-Chlorotoluene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	106-43-4	
1,2-Dibromo-3-chloropropane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	96-12-8	
Dibromochloromethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	124-48-1	
1,2-Dibromoethane (EDB)	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	106-93-4	
Dibromomethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	74-95-3	
1,2-Dichlorobenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	95-50-1	
1,3-Dichlorobenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	541-73-1	
1,4-Dichlorobenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	106-46-7	
Dichlorodifluoromethane	<348	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	75-71-8	v1
1,1-Dichloroethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	75-34-3	
1,2-Dichloroethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	107-06-2	
1,1-Dichloroethene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	75-35-4	
cis-1,2-Dichloroethene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	156-59-2	
trans-1,2-Dichloroethene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	156-60-5	
1,2-Dichloropropane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	78-87-5	
1,3-Dichloropropane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	142-28-9	
2,2-Dichloropropane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	594-20-7	
1,1-Dichloropropene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Sample: AE6 (28-30) **Lab ID: 92551963009** Collected: 07/27/21 16:35 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	10061-01-5	
trans-1,3-Dichloropropene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	10061-02-6	
Diisopropyl ether	468	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	108-20-3	
Ethylbenzene	52900	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	100-41-4	
Hexachloro-1,3-butadiene	<348	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	87-68-3	
2-Hexanone	<1740	ug/kg	1740	25	07/29/21 10:07	07/29/21 12:40	591-78-6	
Isopropylbenzene (Cumene)	5810	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	98-82-8	
p-Isopropyltoluene	6240	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	99-87-6	
Methylene Chloride	<696	ug/kg	696	25	07/29/21 10:07	07/29/21 12:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	<1740	ug/kg	1740	25	07/29/21 10:07	07/29/21 12:40	108-10-1	
Methyl-tert-butyl ether	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	1634-04-4	
Naphthalene	17300	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	91-20-3	
n-Propylbenzene	22500	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	103-65-1	
Styrene	2420	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	100-42-5	
1,1,1,2-Tetrachloroethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	630-20-6	
1,1,2,2-Tetrachloroethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	79-34-5	
Tetrachloroethene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	127-18-4	
Toluene	126000	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	108-88-3	M1
1,2,3-Trichlorobenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	87-61-6	
1,2,4-Trichlorobenzene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	120-82-1	
1,1,1-Trichloroethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	71-55-6	
1,1,2-Trichloroethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	79-00-5	
Trichloroethene	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	79-01-6	
Trichlorofluoromethane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	75-69-4	
1,2,3-Trichloropropane	<174	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	96-18-4	
1,2,4-Trimethylbenzene	134000	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	95-63-6	M1
1,3,5-Trimethylbenzene	40300	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	108-67-8	
Vinyl acetate	<1740	ug/kg	1740	25	07/29/21 10:07	07/29/21 12:40	108-05-4	
Vinyl chloride	<348	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	75-01-4	
Xylene (Total)	285000	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	1330-20-7	
m&p-Xylene	207000	ug/kg	348	25	07/29/21 10:07	07/29/21 12:40	179601-23-1	
o-Xylene	77900	ug/kg	174	25	07/29/21 10:07	07/29/21 12:40	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	70-130	25	07/29/21 10:07	07/29/21 12:40	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134	25	07/29/21 10:07	07/29/21 12:40	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	25	07/29/21 10:07	07/29/21 12:40	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	13.5	%	0.10	1	07/28/21 15:40	N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

QC Batch:	636414	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92551963001, 92551963002, 92551963003, 92551963004, 92551963005, 92551963006, 92551963007, 92551963008, 92551963009		

METHOD BLANK: 3341439

Matrix: Solid

Associated Lab Samples: 92551963001, 92551963002, 92551963003, 92551963004, 92551963005, 92551963006, 92551963007, 92551963008, 92551963009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	<2.5	2.5	07/28/21 17:36	N2
Aromatic (C09-C10)	mg/kg	<2.5	2.5	07/28/21 17:36	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	07/28/21 17:36	
4-Bromofluorobenzene (PID) (S)	%	87	70-130	07/28/21 17:36	

LABORATORY CONTROL SAMPLE & LCSD: 3341440

3341441

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	11.1	11.7	74	78	70-130	6	25	N2
Aromatic (C09-C10)	mg/kg	5	4.9	4.9	98	97	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				91	92	70-130			
4-Bromofluorobenzene (PID) (S)	%				79	80	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

QC Batch:	636396	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92551963001, 92551963002, 92551963003, 92551963004, 92551963005, 92551963006, 92551963007, 92551963008		

METHOD BLANK: 3341345

Matrix: Solid

Associated Lab Samples: 92551963001, 92551963002, 92551963003, 92551963004, 92551963005, 92551963006, 92551963007, 92551963008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1,1-Trichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1,2,2-Tetrachloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1,2-Trichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1-Dichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1-Dichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1-Dichloropropene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,3-Trichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,3-Trichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,4-Trichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,4-Trimethylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dibromo-3-chloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dibromoethane (EDB)	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,3,5-Trimethylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,3-Dichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,3-Dichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,4-Dichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
2,2-Dichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
2-Butanone (MEK)	ug/kg	<100	100	07/28/21 11:58	
2-Chlorotoluene	ug/kg	<5.0	5.0	07/28/21 11:58	
2-Hexanone	ug/kg	<50.0	50.0	07/28/21 11:58	
4-Chlorotoluene	ug/kg	<5.0	5.0	07/28/21 11:58	
4-Methyl-2-pentanone (MIBK)	ug/kg	<50.0	50.0	07/28/21 11:58	
Acetone	ug/kg	<100	100	07/28/21 11:58	
Benzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromochloromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromodichloromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromoform	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromomethane	ug/kg	<10.0	10.0	07/28/21 11:58	
Carbon tetrachloride	ug/kg	<5.0	5.0	07/28/21 11:58	
Chlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Chloroethane	ug/kg	<10.0	10.0	07/28/21 11:58	
Chloroform	ug/kg	<5.0	5.0	07/28/21 11:58	
Chloromethane	ug/kg	<10.0	10.0	07/28/21 11:58	
cis-1,2-Dichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

METHOD BLANK: 3341345

Matrix: Solid

Associated Lab Samples: 92551963001, 92551963002, 92551963003, 92551963004, 92551963005, 92551963006, 92551963007, 92551963008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	<5.0	5.0	07/28/21 11:58	
Dibromochloromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Dibromomethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Dichlorodifluoromethane	ug/kg	<10.0	10.0	07/28/21 11:58	v1
Diisopropyl ether	ug/kg	<5.0	5.0	07/28/21 11:58	
Ethylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Hexachloro-1,3-butadiene	ug/kg	<10.0	10.0	07/28/21 11:58	
Isopropylbenzene (Cumene)	ug/kg	<5.0	5.0	07/28/21 11:58	
m&p-Xylene	ug/kg	<10.0	10.0	07/28/21 11:58	
Methyl-tert-butyl ether	ug/kg	<5.0	5.0	07/28/21 11:58	
Methylene Chloride	ug/kg	<20.0	20.0	07/28/21 11:58	
n-Butylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
n-Propylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Naphthalene	ug/kg	<5.0	5.0	07/28/21 11:58	
o-Xylene	ug/kg	<5.0	5.0	07/28/21 11:58	
p-Isopropyltoluene	ug/kg	<5.0	5.0	07/28/21 11:58	
sec-Butylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Styrene	ug/kg	<5.0	5.0	07/28/21 11:58	
tert-Butylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Tetrachloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
Toluene	ug/kg	<5.0	5.0	07/28/21 11:58	
trans-1,2-Dichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
trans-1,3-Dichloropropene	ug/kg	<5.0	5.0	07/28/21 11:58	
Trichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
Trichlorofluoromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Vinyl acetate	ug/kg	<50.0	50.0	07/28/21 11:58	
Vinyl chloride	ug/kg	<10.0	10.0	07/28/21 11:58	
Xylene (Total)	ug/kg	<10.0	10.0	07/28/21 11:58	
1,2-Dichloroethane-d4 (S)	%	113	70-130	07/28/21 11:58	
4-Bromofluorobenzene (S)	%	98	69-134	07/28/21 11:58	
Toluene-d8 (S)	%	101	70-130	07/28/21 11:58	

LABORATORY CONTROL SAMPLE: 3341346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1110	89	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1060	85	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1120	89	70-130	
1,1-Dichloroethane	ug/kg	1250	1190	95	70-130	
1,1-Dichloroethene	ug/kg	1250	1230	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	99	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1100	88	65-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

LABORATORY CONTROL SAMPLE: 3341346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1070	86	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1130	90	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1140	91	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1060	85	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1050	84	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1080	86	70-130	
1,2-Dichloroethane	ug/kg	1250	1100	88	63-130	
1,2-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
1,3-Dichloropropane	ug/kg	1250	1060	85	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1110	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1190	95	66-130	
2-Butanone (MEK)	ug/kg	2500	2370	95	70-130	
2-Chlorotoluene	ug/kg	1250	1190	95	70-130	
2-Hexanone	ug/kg	2500	2250	90	70-130	
4-Chlorotoluene	ug/kg	1250	1120	89	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2250	90	70-130	
Acetone	ug/kg	2500	2390	96	69-130	
Benzene	ug/kg	1250	1130	90	70-130	
Bromobenzene	ug/kg	1250	1080	86	70-130	
Bromochloromethane	ug/kg	1250	1120	89	70-130	
Bromodichloromethane	ug/kg	1250	1130	91	69-130	
Bromoform	ug/kg	1250	1120	89	70-130	
Bromomethane	ug/kg	1250	1420	114	52-130	
Carbon tetrachloride	ug/kg	1250	1230	98	70-130	
Chlorobenzene	ug/kg	1250	1080	87	70-130	
Chloroethane	ug/kg	1250	1310	105	65-130	
Chloroform	ug/kg	1250	1210	97	70-130	
Chloromethane	ug/kg	1250	1150	92	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1170	93	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1110	89	70-130	
Dibromochloromethane	ug/kg	1250	1110	89	70-130	
Dibromomethane	ug/kg	1250	1060	85	70-130	
Dichlorodifluoromethane	ug/kg	1250	1460	116	45-156 v1	
Diisopropyl ether	ug/kg	1250	1120	89	70-130	
Ethylbenzene	ug/kg	1250	1170	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	94	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1240	99	70-130	
m&p-Xylene	ug/kg	2500	2370	95	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1070	86	70-130	
Methylene Chloride	ug/kg	1250	1230	98	65-130	
n-Butylbenzene	ug/kg	1250	1230	98	67-130	
n-Propylbenzene	ug/kg	1250	1200	96	70-130	
Naphthalene	ug/kg	1250	1080	86	70-130	
o-Xylene	ug/kg	1250	1080	87	70-130	
p-Isopropyltoluene	ug/kg	1250	1230	98	67-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

LABORATORY CONTROL SAMPLE: 3341346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1230	98	69-130	
Styrene	ug/kg	1250	1170	94	70-130	
tert-Butylbenzene	ug/kg	1250	1150	92	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1040	84	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1200	96	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1120	89	68-130	
Trichloroethene	ug/kg	1250	1120	89	70-130	
Trichlorofluoromethane	ug/kg	1250	1170	93	70-130	
Vinyl acetate	ug/kg	2500	2440	98	70-130	
Vinyl chloride	ug/kg	1250	1250	100	61-130	
Xylene (Total)	ug/kg	3750	3450	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341347 3341348

Parameter	Units	92551405010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	5130	5130	5150	5060	100	99	70-131	2	
1,1,1-Trichloroethane	ug/kg	ND	5130	5130	5870	5690	114	111	65-133	3	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5130	5130	5890	5760	115	112	66-130	2	
1,1,2-Trichloroethane	ug/kg	ND	5130	5130	5510	5380	107	105	66-133	3	
1,1-Dichloroethane	ug/kg	ND	5130	5130	5760	5500	112	107	65-130	5	
1,1-Dichloroethene	ug/kg	ND	5130	5130	6250	5980	122	116	10-158	4	
1,1-Dichloropropene	ug/kg	ND	5130	5130	6070	5930	118	115	68-133	2	
1,2,3-Trichlorobenzene	ug/kg	ND	5130	5130	5690	5130	111	100	27-138	10	
1,2,3-Trichloropropane	ug/kg	ND	5130	5130	4840	4820	94	94	67-130	0	
1,2,4-Trichlorobenzene	ug/kg	ND	5130	5130	5350	5180	104	101	51-134	3	
1,2,4-Trimethylbenzene	ug/kg	31800	5130	5130	32900	31600	21	-4	63-136	4	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	5130	5130	4870	4850	95	94	32-130	0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5130	5130	4820	4740	94	92	70-130	2	
1,2-Dichlorobenzene	ug/kg	ND	5130	5130	5140	4910	100	96	69-130	5	
1,2-Dichloroethane	ug/kg	ND	5130	5130	5250	5040	102	98	59-130	4	
1,2-Dichloropropane	ug/kg	ND	5130	5130	5540	5390	108	105	70-130	3	
1,3,5-Trimethylbenzene	ug/kg	8870	5130	5130	13300	13000	86	80	65-137	3	
1,3-Dichlorobenzene	ug/kg	ND	5130	5130	5330	4930	104	96	70-130	8	
1,3-Dichloropropane	ug/kg	ND	5130	5130	4940	5730	96	112	70-130	15	
1,4-Dichlorobenzene	ug/kg	ND	5130	5130	5110	4910	100	96	68-130	4	
2,2-Dichloropropane	ug/kg	ND	5130	5130	4960	4890	96	95	32-130	1	
2-Butanone (MEK)	ug/kg	ND	10300	10300	10800	10400	105	101	10-136	3	
2-Chlorotoluene	ug/kg	ND	5130	5130	6520	6250	127	122	69-141	4	
2-Hexanone	ug/kg	ND	10300	10300	10300	10200	101	99	10-144	1	
4-Chlorotoluene	ug/kg	ND	5130	5130	5440	5210	106	101	70-132	4	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341347 3341348											
Parameter	Units	92551405010		MS	MSD	MS	MSD	% Rec	% Rec	% Rec	RPD
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result			Limits	Qual
4-Methyl-2-pentanone (MIBK)	ug/kg	1160	10300	10300	10300	11300	11100	99	97	25-143	2
Acetone	ug/kg	ND	10300	10300	10300	10300	10000	100	98	10-130	3
Benzene	ug/kg	ND	5130	5130	5130	5430	5290	106	103	67-130	3
Bromobenzene	ug/kg	ND	5130	5130	5130	5190	4950	101	96	70-130	5
Bromochloromethane	ug/kg	ND	5130	5130	5130	5220	5040	102	98	69-134	4
Bromodichloromethane	ug/kg	ND	5130	5130	5130	5250	5170	102	101	64-130	2
Bromoform	ug/kg	ND	5130	5130	5130	4780	4700	93	91	62-130	2
Bromomethane	ug/kg	ND	5130	5130	5130	4790	3580	93	70	20-176	29
Carbon tetrachloride	ug/kg	ND	5130	5130	5130	5990	5870	117	114	65-140	2
Chlorobenzene	ug/kg	ND	5130	5130	5130	5210	5130	101	100	70-130	1
Chloroethane	ug/kg	ND	5130	5130	5130	4660	4640	91	90	10-130	0
Chloroform	ug/kg	ND	5130	5130	5130	5770	5580	112	109	63-130	3
Chloromethane	ug/kg	ND	5130	5130	5130	6220	5780	121	112	58-130	7
cis-1,2-Dichloroethene	ug/kg	ND	5130	5130	5130	5640	5360	110	104	66-130	5
cis-1,3-Dichloropropene	ug/kg	ND	5130	5130	5130	5080	5500	99	107	67-130	8
Dibromochloromethane	ug/kg	ND	5130	5130	5130	4910	4980	96	97	67-130	1
Dibromomethane	ug/kg	ND	5130	5130	5130	4910	4810	96	94	63-131	2
Dichlorodifluoromethane	ug/kg	ND	5130	5130	5130	7770	7060	151	137	44-180	10 v1
Diisopropyl ether	ug/kg	ND	5130	5130	5130	5200	5070	101	99	63-130	2
Ethylbenzene	ug/kg	2190	5130	5130	5130	7520	7440	104	102	66-130	1
Hexachloro-1,3-butadiene	ug/kg	ND	5130	5130	5130	8440	8260	164	161	64-150	2 M1
Isopropylbenzene (Cumene)	ug/kg	1990	5130	5130	5130	7670	7710	111	111	69-135	0
m&p-Xylene	ug/kg	254	10300	10300	10300	11600	11600	110	110	60-133	0
Methyl-tert-butyl ether	ug/kg	ND	5130	5130	5130	4830	4700	94	92	65-130	3
Methylene Chloride	ug/kg	ND	5130	5130	5130	5990	5650	117	110	61-130	6
n-Butylbenzene	ug/kg	4560	5130	5130	5130	10900	10100	124	108	65-140	8
n-Propylbenzene	ug/kg	4290	5130	5130	5130	9590	8830	103	89	67-140	8
Naphthalene	ug/kg	30400	5130	5130	5130	32100	31000	33	13	15-145	3 M1
o-Xylene	ug/kg	ND	5130	5130	5130	5050	5080	98	99	66-133	1
p-Isopropyltoluene	ug/kg	4380	5130	5130	5130	11900	11500	146	139	56-147	3
sec-Butylbenzene	ug/kg	4000	5130	5130	5130	9380	9120	105	100	65-139	3
Styrene	ug/kg	ND	5130	5130	5130	5380	5520	105	107	70-132	3
tert-Butylbenzene	ug/kg	ND	5130	5130	5130	6020	6370	117	124	62-135	6
Tetrachloroethene	ug/kg	ND	5130	5130	5130	5410	5400	105	105	70-135	0
Toluene	ug/kg	ND	5130	5130	5130	5080	4930	99	96	67-130	3
trans-1,2-Dichloroethene	ug/kg	ND	5130	5130	5130	5840	5640	114	110	69-130	3
trans-1,3-Dichloropropene	ug/kg	ND	5130	5130	5130	4980	4890	97	95	62-130	2
Trichloroethene	ug/kg	ND	5130	5130	5130	5400	5250	105	102	70-135	3
Trichlorofluoromethane	ug/kg	ND	5130	5130	5130	6730	6320	131	123	10-130	6 M1
Vinyl acetate	ug/kg	ND	10300	10300	10300	10100	9620	99	94	53-130	5
Vinyl chloride	ug/kg	ND	5130	5130	5130	6510	6100	127	119	61-148	7
Xylene (Total)	ug/kg	254	15500	15500	15500	16600	16600	106	106	63-132	0
1,2-Dichloroethane-d4 (S)	%							104	105	70-130	
4-Bromofluorobenzene (S)	%							114	116	69-134	
Toluene-d8 (S)	%							100	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

QC Batch: 636743

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551963009

METHOD BLANK: 3343050

Matrix: Solid

Associated Lab Samples: 92551963009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,1,1-Trichloroethane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,1,2,2-Tetrachloroethane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,1,2-Trichloroethane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,1-Dichloroethane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,1-Dichloroethene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,1-Dichloropropene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2,3-Trichlorobenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2,3-Trichloropropane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2,4-Trichlorobenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2,4-Trimethylbenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2-Dibromo-3-chloropropane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2-Dibromoethane (EDB)	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2-Dichlorobenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2-Dichloroethane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,2-Dichloropropane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,3,5-Trimethylbenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,3-Dichlorobenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
1,3-Dichloropropane	ug/kg	<5.0	5.0	07/29/21 11:45	
1,4-Dichlorobenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
2,2-Dichloropropane	ug/kg	<5.0	5.0	07/29/21 11:45	
2-Butanone (MEK)	ug/kg	<100	100	07/29/21 11:45	
2-Chlorotoluene	ug/kg	<5.0	5.0	07/29/21 11:45	
2-Hexanone	ug/kg	<50.0	50.0	07/29/21 11:45	
4-Chlorotoluene	ug/kg	<5.0	5.0	07/29/21 11:45	
4-Methyl-2-pentanone (MIBK)	ug/kg	<50.0	50.0	07/29/21 11:45	
Acetone	ug/kg	<100	100	07/29/21 11:45	
Benzene	ug/kg	<5.0	5.0	07/29/21 11:45	
Bromobenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
Bromochloromethane	ug/kg	<5.0	5.0	07/29/21 11:45	
Bromodichloromethane	ug/kg	<5.0	5.0	07/29/21 11:45	
Bromoform	ug/kg	<5.0	5.0	07/29/21 11:45	
Bromomethane	ug/kg	<10.0	10.0	07/29/21 11:45	
Carbon tetrachloride	ug/kg	<5.0	5.0	07/29/21 11:45	
Chlorobenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
Chloroethane	ug/kg	<10.0	10.0	07/29/21 11:45	
Chloroform	ug/kg	<5.0	5.0	07/29/21 11:45	
Chloromethane	ug/kg	<10.0	10.0	07/29/21 11:45	
cis-1,2-Dichloroethene	ug/kg	<5.0	5.0	07/29/21 11:45	
cis-1,3-Dichloropropene	ug/kg	<5.0	5.0	07/29/21 11:45	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92551963

METHOD BLANK: 3343050

Matrix: Solid

Associated Lab Samples: 92551963009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	<5.0	5.0	07/29/21 11:45	
Dibromomethane	ug/kg	<5.0	5.0	07/29/21 11:45	
Dichlorodifluoromethane	ug/kg	<10.0	10.0	07/29/21 11:45	v1
Diisopropyl ether	ug/kg	<5.0	5.0	07/29/21 11:45	
Ethylbenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
Hexachloro-1,3-butadiene	ug/kg	<10.0	10.0	07/29/21 11:45	
Isopropylbenzene (Cumene)	ug/kg	<5.0	5.0	07/29/21 11:45	
m&p-Xylene	ug/kg	<10.0	10.0	07/29/21 11:45	
Methyl-tert-butyl ether	ug/kg	<5.0	5.0	07/29/21 11:45	
Methylene Chloride	ug/kg	<20.0	20.0	07/29/21 11:45	
n-Butylbenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
n-Propylbenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
Naphthalene	ug/kg	<5.0	5.0	07/29/21 11:45	
o-Xylene	ug/kg	<5.0	5.0	07/29/21 11:45	
p-Isopropyltoluene	ug/kg	<5.0	5.0	07/29/21 11:45	
sec-Butylbenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
Styrene	ug/kg	<5.0	5.0	07/29/21 11:45	
tert-Butylbenzene	ug/kg	<5.0	5.0	07/29/21 11:45	
Tetrachloroethene	ug/kg	<5.0	5.0	07/29/21 11:45	
Toluene	ug/kg	<5.0	5.0	07/29/21 11:45	
trans-1,2-Dichloroethene	ug/kg	<5.0	5.0	07/29/21 11:45	
trans-1,3-Dichloropropene	ug/kg	<5.0	5.0	07/29/21 11:45	
Trichloroethene	ug/kg	<5.0	5.0	07/29/21 11:45	
Trichlorofluoromethane	ug/kg	<5.0	5.0	07/29/21 11:45	
Vinyl acetate	ug/kg	<50.0	50.0	07/29/21 11:45	
Vinyl chloride	ug/kg	<10.0	10.0	07/29/21 11:45	
Xylene (Total)	ug/kg	<10.0	10.0	07/29/21 11:45	
1,2-Dichloroethane-d4 (S)	%	110	70-130	07/29/21 11:45	
4-Bromofluorobenzene (S)	%	99	69-134	07/29/21 11:45	
Toluene-d8 (S)	%	101	70-130	07/29/21 11:45	

LABORATORY CONTROL SAMPLE: 3343051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1180	95	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1260	101	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1140	92	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1200	96	70-130	
1,1-Dichloroethane	ug/kg	1250	1270	101	70-130	
1,1-Dichloroethene	ug/kg	1250	1330	106	70-130	
1,1-Dichloropropene	ug/kg	1250	1320	106	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1190	95	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1140	92	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1210	97	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

LABORATORY CONTROL SAMPLE: 3343051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1250	100	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1190	95	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1130	90	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,2-Dichloroethane	ug/kg	1250	1180	94	63-130	
1,2-Dichloropropane	ug/kg	1250	1230	99	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1300	104	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1180	94	70-130	
1,3-Dichloropropane	ug/kg	1250	1130	90	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
2,2-Dichloropropane	ug/kg	1250	1260	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2680	107	70-130	
2-Chlorotoluene	ug/kg	1250	1310	105	70-130	
2-Hexanone	ug/kg	2500	2500	100	70-130	
4-Chlorotoluene	ug/kg	1250	1210	97	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2470	99	70-130	
Acetone	ug/kg	2500	2570	103	69-130	
Benzene	ug/kg	1250	1210	97	70-130	
Bromobenzene	ug/kg	1250	1200	96	70-130	
Bromochloromethane	ug/kg	1250	1200	96	70-130	
Bromodichloromethane	ug/kg	1250	1220	98	69-130	
Bromoform	ug/kg	1250	1170	94	70-130	
Bromomethane	ug/kg	1250	1510	121	52-130	
Carbon tetrachloride	ug/kg	1250	1330	106	70-130	
Chlorobenzene	ug/kg	1250	1160	93	70-130	
Chloroethane	ug/kg	1250	1410	113	65-130	
Chloroform	ug/kg	1250	1290	103	70-130	
Chloromethane	ug/kg	1250	1220	97	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1250	100	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1210	97	70-130	
Dibromochloromethane	ug/kg	1250	1170	93	70-130	
Dibromomethane	ug/kg	1250	1130	90	70-130	
Dichlorodifluoromethane	ug/kg	1250	1530	123	45-156 v1	
Diisopropyl ether	ug/kg	1250	1200	96	70-130	
Ethylbenzene	ug/kg	1250	1230	99	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1260	101	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1300	104	70-130	
m&p-Xylene	ug/kg	2500	2500	100	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1150	92	70-130	
Methylene Chloride	ug/kg	1250	1330	106	65-130	
n-Butylbenzene	ug/kg	1250	1330	107	67-130	
n-Propylbenzene	ug/kg	1250	1290	104	70-130	
Naphthalene	ug/kg	1250	1180	94	70-130	
o-Xylene	ug/kg	1250	1140	91	70-130	
p-Isopropyltoluene	ug/kg	1250	1340	107	67-130	
sec-Butylbenzene	ug/kg	1250	1330	106	69-130	
Styrene	ug/kg	1250	1240	99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92551963

LABORATORY CONTROL SAMPLE: 3343051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1240	99	67-130	
Tetrachloroethene	ug/kg	1250	1200	96	70-130	
Toluene	ug/kg	1250	1120	90	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1300	104	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1210	97	68-130	
Trichloroethene	ug/kg	1250	1190	95	70-130	
Trichlorofluoromethane	ug/kg	1250	1270	101	70-130	
Vinyl acetate	ug/kg	2500	2640	106	70-130	
Vinyl chloride	ug/kg	1250	1340	107	61-130	
Xylene (Total)	ug/kg	3750	3640	97	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			98	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3343052 3343053

Parameter	Units	92551963009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	<174	17500	17500	17400	16600	100	95	70-131	5	
1,1,1-Trichloroethane	ug/kg	<174	17500	17500	19500	18700	112	108	65-133	4	
1,1,2,2-Tetrachloroethane	ug/kg	<174	17500	17500	17100	15900	98	91	66-130	7	
1,1,2-Trichloroethane	ug/kg	<174	17500	17500	18600	18000	107	103	66-133	3	
1,1-Dichloroethane	ug/kg	<174	17500	17500	19100	18500	110	106	65-130	3	
1,1-Dichloroethene	ug/kg	<174	17500	17500	20800	20100	120	115	10-158	4	
1,1-Dichloropropene	ug/kg	<174	17500	17500	20300	19400	117	112	68-133	4	
1,2,3-Trichlorobenzene	ug/kg	<174	17500	17500	16300	15400	94	89	27-138	5	
1,2,3-Trichloropropane	ug/kg	<174	17500	17500	16500	15600	95	89	67-130	6	
1,2,4-Trichlorobenzene	ug/kg	<174	17500	17500	16200	15700	93	90	51-134	3	
1,2,4-Trimethylbenzene	ug/kg	134000	17500	17500	138000	144000	23	56	63-136	4	M1
1,2-Dibromo-3-chloropropane	ug/kg	<174	17500	17500	17000	16600	98	95	32-130	2	
1,2-Dibromoethane (EDB)	ug/kg	<174	17500	17500	16800	15900	96	91	70-130	6	
1,2-Dichlorobenzene	ug/kg	<174	17500	17500	16300	16000	94	92	69-130	2	
1,2-Dichloroethane	ug/kg	<174	17500	17500	17500	16700	100	96	59-130	5	
1,2-Dichloropropane	ug/kg	<174	17500	17500	18800	17900	108	103	70-130	5	
1,3,5-Trimethylbenzene	ug/kg	40300	17500	17500	55200	56500	86	93	65-137	2	
1,3-Dichlorobenzene	ug/kg	<174	17500	17500	16600	16100	95	92	70-130	3	
1,3-Dichloropropane	ug/kg	<174	17500	17500	16800	16000	96	92	70-130	5	
1,4-Dichlorobenzene	ug/kg	<174	17500	17500	16400	16200	94	93	68-130	1	
2,2-Dichloropropane	ug/kg	<174	17500	17500	16800	15900	96	91	32-130	5	
2-Butanone (MEK)	ug/kg	<3480	34800	34800	41800	40700	120	117	10-136	3	
2-Chlorotoluene	ug/kg	<174	17500	17500	21500	21700	123	124	69-141	1	
2-Hexanone	ug/kg	<1740	34800	34800	37600	35500	108	102	10-144	6	
4-Chlorotoluene	ug/kg	<174	17500	17500	16800	16500	96	95	70-132	2	
4-Methyl-2-pentanone (MIBK)	ug/kg	<1740	34800	34800	38900	36700	112	105	25-143	6	
Acetone	ug/kg	<3480	34800	34800	36800	35100	106	101	10-130	5	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3343052 3343053											
Parameter	Units	92551963009		MS	MSD	MS	MSD	% Rec	% Rec	% Rec	Qual
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result			Limits	RPD
Benzene	ug/kg	8510	17500	17500	17500	26100	25500	101	98	67-130	2
Bromobenzene	ug/kg	<174	17500	17500	17500	16500	16400	95	94	70-130	0
Bromochloromethane	ug/kg	<174	17500	17500	17500	17800	17400	102	100	69-134	3
Bromodichloromethane	ug/kg	<174	17500	17500	17500	18100	17100	104	98	64-130	5
Bromoform	ug/kg	<174	17500	17500	17500	16600	16000	95	92	62-130	4
Bromomethane	ug/kg	<348	17500	17500	17500	18700	17500	108	101	20-176	7
Carbon tetrachloride	ug/kg	<174	17500	17500	17500	19700	18700	113	107	65-140	5
Chlorobenzene	ug/kg	<174	17500	17500	17500	17400	16800	100	97	70-130	3
Chloroethane	ug/kg	<348	17500	17500	17500	22800	22100	131	127	10-130	3 M1
Chloroform	ug/kg	261	17500	17500	17500	19600	18900	111	107	63-130	4
Chloromethane	ug/kg	<348	17500	17500	17500	19100	18500	109	106	58-130	3
cis-1,2-Dichloroethene	ug/kg	<174	17500	17500	17500	18500	18200	106	104	66-130	2
cis-1,3-Dichloropropene	ug/kg	<174	17500	17500	17500	17100	16400	98	94	67-130	4
Dibromochloromethane	ug/kg	<174	17500	17500	17500	17000	16000	97	92	67-130	6
Dibromomethane	ug/kg	<174	17500	17500	17500	16500	15700	95	90	63-131	5
Dichlorodifluoromethane	ug/kg	<348	17500	17500	17500	24000	23200	138	133	44-180	4 v1
Diisopropyl ether	ug/kg	468	17500	17500	17500	18000	17400	101	97	63-130	4
Ethylbenzene	ug/kg	52900	17500	17500	17500	68000	68900	86	92	66-130	1
Hexachloro-1,3-butadiene	ug/kg	<348	17500	17500	17500	18500	18100	106	104	64-150	2
Isopropylbenzene (Cumene)	ug/kg	5810	17500	17500	17500	24900	24100	110	105	69-135	3
m&p-Xylene	ug/kg	207000	34800	34800	34800	229000	234000	66	78	60-133	2
Methyl-tert-butyl ether	ug/kg	<174	17500	17500	17500	16600	16100	95	92	65-130	3
Methylene Chloride	ug/kg	<696	17500	17500	17500	19800	18800	114	108	61-130	5
n-Butylbenzene	ug/kg	6740	17500	17500	17500	25000	26200	105	112	65-140	5
n-Propylbenzene	ug/kg	22500	17500	17500	17500	38000	39300	89	96	67-140	3
Naphthalene	ug/kg	17300	17500	17500	17500	32700	32900	88	90	15-145	1
o-Xylene	ug/kg	77900	17500	17500	17500	90000	90500	69	73	66-133	1
p-Isopropyltoluene	ug/kg	6240	17500	17500	17500	24300	24000	103	102	56-147	1
sec-Butylbenzene	ug/kg	<174	17500	17500	17500	19600	19700	113	113	65-139	0
Styrene	ug/kg	2420	17500	17500	17500	18700	18000	93	89	70-132	4
tert-Butylbenzene	ug/kg	<174	17500	17500	17500	17500	17500	100	101	62-135	0
Tetrachloroethene	ug/kg	<174	17500	17500	17500	18000	17000	103	98	70-135	6
Toluene	ug/kg	126000	17500	17500	17500	136000	139000	57	76	67-130	2 M1
trans-1,2-Dichloroethene	ug/kg	<174	17500	17500	17500	19400	18800	111	108	69-130	3
trans-1,3-Dichloropropene	ug/kg	<174	17500	17500	17500	16600	15600	95	90	62-130	6
Trichloroethene	ug/kg	<174	17500	17500	17500	18100	17200	104	99	70-135	6
Trichlorofluoromethane	ug/kg	<174	17500	17500	17500	19900	19300	114	111	10-130	3
Vinyl acetate	ug/kg	<1740	34800	34800	34800	37400	36100	107	104	53-130	4
Vinyl chloride	ug/kg	<348	17500	17500	17500	20900	20300	120	116	61-148	3
Xylene (Total)	ug/kg	285000	52300	52300	52300	319000	324000	67	76	63-132	2
1,2-Dichloroethane-d4 (S)	%							105	106	70-130	
4-Bromofluorobenzene (S)	%							101	100	69-134	
Toluene-d8 (S)	%							99	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

QC Batch:	636561	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92551963001, 92551963002, 92551963003, 92551963004, 92551963005, 92551963006, 92551963007

SAMPLE DUPLICATE: 3342255

Parameter	Units	92551963001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	25.3	26.4	4	N2

SAMPLE DUPLICATE: 3342256

Parameter	Units	92552038013 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.9	14.6	2	N2

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

QC Batch: 636568

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551963008, 92551963009

SAMPLE DUPLICATE: 3342306

Parameter	Units	92551674004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	43.3	42.7	1	N2

SAMPLE DUPLICATE: 3342307

Parameter	Units	92551801004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.2	12.9	9	N2

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QUALIFIERS

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92551963

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.
A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
S0	Surrogate recovery outside laboratory control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551963

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551963001	AE8 (0-2)	MADEP VPH	636414	MADEP VPH	636423
92551963002	AE8 (16-18)	MADEP VPH	636414	MADEP VPH	636423
92551963003	AE8 (28-30)	MADEP VPH	636414	MADEP VPH	636423
92551963004	AE7 (0-2)	MADEP VPH	636414	MADEP VPH	636423
92551963005	AE7 (6-8)	MADEP VPH	636414	MADEP VPH	636423
92551963006	AE7 (12-24)	MADEP VPH	636414	MADEP VPH	636423
92551963007	AE6 (0-2)	MADEP VPH	636414	MADEP VPH	636423
92551963008	AE6 (18-20)	MADEP VPH	636414	MADEP VPH	636423
92551963009	AE6 (28-30)	MADEP VPH	636414	MADEP VPH	636423
92551963001	AE8 (0-2)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963002	AE8 (16-18)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963003	AE8 (28-30)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963004	AE7 (0-2)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963005	AE7 (6-8)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963006	AE7 (12-24)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963007	AE6 (0-2)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963008	AE6 (18-20)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551963009	AE6 (28-30)	EPA 5035A/5030B	636743	EPA 8260D	636770
92551963001	AE8 (0-2)	SW-846	636561		
92551963002	AE8 (16-18)	SW-846	636561		
92551963003	AE8 (28-30)	SW-846	636561		
92551963004	AE7 (0-2)	SW-846	636561		
92551963005	AE7 (6-8)	SW-846	636561		
92551963006	AE7 (12-24)	SW-846	636561		
92551963007	AE6 (0-2)	SW-846	636561		
92551963008	AE6 (18-20)	SW-846	636568		
92551963009	AE6 (28-30)	SW-846	636568		

REPORT OF LABORATORY ANALYSIS

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*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

W0# : 92551963

PM: AMB

Due Date: 07/30/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-SO3S kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																					3								
2																					3								
3																					3								
4																					3								
5																					3								
6																					3								
7																					3								
8																					3								
9																					3								
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 04, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92551964

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

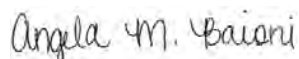
The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

A revised report is being submitted on 8/4/21 to include total VPH. This was not initially reported due to a log in error.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies

Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551964001	RW-73 (54-56)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

Sample: RW-73 (54-56) **Lab ID: 92551964001** Collected: 07/27/21 10:25 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	<2.9	mg/kg	2.9	1	07/28/21 10:10	07/29/21 11:09		N2
Aliphatic (C05-C08)	<2.9	mg/kg	2.9	1	07/28/21 10:10	07/29/21 11:09		N2
Aliphatic(C09-C12) Adjusted	<2.9	mg/kg	2.9	1	07/28/21 10:10	07/29/21 11:09		N2
Aromatic (C09-C10)	<2.9	mg/kg	2.9	1	07/28/21 10:10	07/29/21 11:09		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	95	%	70-130	1	07/28/21 10:10	07/29/21 11:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130	1	07/28/21 10:10	07/29/21 11:09	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	<111	ug/kg	111	1	07/28/21 09:25	07/28/21 17:39	67-64-1	
Benzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	71-43-2	
Bromobenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	108-86-1	
Bromochloromethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	74-97-5	
Bromodichloromethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	75-27-4	
Bromoform	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	75-25-2	
Bromomethane	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	74-83-9	
2-Butanone (MEK)	<111	ug/kg	111	1	07/28/21 09:25	07/28/21 17:39	78-93-3	
n-Butylbenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	104-51-8	
sec-Butylbenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	135-98-8	
tert-Butylbenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	98-06-6	
Carbon tetrachloride	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	56-23-5	
Chlorobenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	108-90-7	
Chloroethane	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	75-00-3	
Chloroform	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	67-66-3	
Chloromethane	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	74-87-3	
2-Chlorotoluene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	95-49-8	
4-Chlorotoluene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	106-43-4	
1,2-Dibromo-3-chloropropane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	96-12-8	
Dibromochloromethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	124-48-1	
1,2-Dibromoethane (EDB)	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	106-93-4	
Dibromomethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	74-95-3	
1,2-Dichlorobenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	95-50-1	
1,3-Dichlorobenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	541-73-1	
1,4-Dichlorobenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	106-46-7	
Dichlorodifluoromethane	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	75-71-8	v1
1,1-Dichloroethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	75-34-3	
1,2-Dichloroethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	107-06-2	
1,1-Dichloroethene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	75-35-4	
cis-1,2-Dichloroethene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	156-59-2	
trans-1,2-Dichloroethene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	156-60-5	
1,2-Dichloropropane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	78-87-5	
1,3-Dichloropropane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	142-28-9	
2,2-Dichloropropane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	594-20-7	
1,1-Dichloropropene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

Sample: RW-73 (54-56) **Lab ID: 92551964001** Collected: 07/27/21 10:25 Received: 07/27/21 17:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	10061-01-5	
trans-1,3-Dichloropropene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	10061-02-6	
Diisopropyl ether	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	108-20-3	
Ethylbenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	100-41-4	
Hexachloro-1,3-butadiene	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	87-68-3	
2-Hexanone	<55.5	ug/kg	55.5	1	07/28/21 09:25	07/28/21 17:39	591-78-6	
Isopropylbenzene (Cumene)	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	98-82-8	
p-Isopropyltoluene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	99-87-6	
Methylene Chloride	<22.2	ug/kg	22.2	1	07/28/21 09:25	07/28/21 17:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	<55.5	ug/kg	55.5	1	07/28/21 09:25	07/28/21 17:39	108-10-1	
Methyl-tert-butyl ether	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	1634-04-4	
Naphthalene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	91-20-3	
n-Propylbenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	103-65-1	
Styrene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	100-42-5	
1,1,1,2-Tetrachloroethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	630-20-6	
1,1,2,2-Tetrachloroethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	79-34-5	
Tetrachloroethene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	127-18-4	
Toluene	3.0J	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	108-88-3	
1,2,3-Trichlorobenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	87-61-6	
1,2,4-Trichlorobenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	120-82-1	
1,1,1-Trichloroethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	71-55-6	
1,1,2-Trichloroethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	79-00-5	
Trichloroethene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	79-01-6	
Trichlorofluoromethane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	75-69-4	
1,2,3-Trichloropropane	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	96-18-4	
1,2,4-Trimethylbenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	95-63-6	
1,3,5-Trimethylbenzene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	108-67-8	
Vinyl acetate	<55.5	ug/kg	55.5	1	07/28/21 09:25	07/28/21 17:39	108-05-4	
Vinyl chloride	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	75-01-4	
Xylene (Total)	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	1330-20-7	
m&p-Xylene	<11.1	ug/kg	11.1	1	07/28/21 09:25	07/28/21 17:39	179601-23-1	
o-Xylene	<5.5	ug/kg	5.5	1	07/28/21 09:25	07/28/21 17:39	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	70-130	1	07/28/21 09:25	07/28/21 17:39	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134	1	07/28/21 09:25	07/28/21 17:39	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1	07/28/21 09:25	07/28/21 17:39	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	12.9	%	0.10	1		07/28/21 15:41		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

QC Batch:	636414	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92551964001

METHOD BLANK: 3341439 Matrix: Solid

Associated Lab Samples: 92551964001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	<2.5	2.5	07/28/21 17:36	N2
Aromatic (C09-C10)	mg/kg	<2.5	2.5	07/28/21 17:36	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130	07/28/21 17:36	
4-Bromofluorobenzene (PID) (S)	%	87	70-130	07/28/21 17:36	

LABORATORY CONTROL SAMPLE & LCSD: 3341440		3341441								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	11.1	11.7	74	78	70-130	6	25	N2
Aromatic (C09-C10)	mg/kg	5	4.9	4.9	98	97	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				91	92	70-130			
4-Bromofluorobenzene (PID) (S)	%				79	80	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

QC Batch: 636396

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551964001

METHOD BLANK: 3341345

Matrix: Solid

Associated Lab Samples: 92551964001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1,1-Trichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1,2,2-Tetrachloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1,2-Trichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1-Dichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1-Dichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,1-Dichloropropene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,3-Trichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,3-Trichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,4-Trichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2,4-Trimethylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dibromo-3-chloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dibromoethane (EDB)	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dichloroethane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,2-Dichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,3,5-Trimethylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,3-Dichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
1,3-Dichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
1,4-Dichlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
2,2-Dichloropropane	ug/kg	<5.0	5.0	07/28/21 11:58	
2-Butanone (MEK)	ug/kg	<100	100	07/28/21 11:58	
2-Chlorotoluene	ug/kg	<5.0	5.0	07/28/21 11:58	
2-Hexanone	ug/kg	<50.0	50.0	07/28/21 11:58	
4-Chlorotoluene	ug/kg	<5.0	5.0	07/28/21 11:58	
4-Methyl-2-pentanone (MIBK)	ug/kg	<50.0	50.0	07/28/21 11:58	
Acetone	ug/kg	<100	100	07/28/21 11:58	
Benzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromochloromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromodichloromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromoform	ug/kg	<5.0	5.0	07/28/21 11:58	
Bromomethane	ug/kg	<10.0	10.0	07/28/21 11:58	
Carbon tetrachloride	ug/kg	<5.0	5.0	07/28/21 11:58	
Chlorobenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Chloroethane	ug/kg	<10.0	10.0	07/28/21 11:58	
Chloroform	ug/kg	<5.0	5.0	07/28/21 11:58	
Chloromethane	ug/kg	<10.0	10.0	07/28/21 11:58	
cis-1,2-Dichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
cis-1,3-Dichloropropene	ug/kg	<5.0	5.0	07/28/21 11:58	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

METHOD BLANK: 3341345

Matrix: Solid

Associated Lab Samples: 92551964001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Dibromomethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Dichlorodifluoromethane	ug/kg	<10.0	10.0	07/28/21 11:58	v1
Diisopropyl ether	ug/kg	<5.0	5.0	07/28/21 11:58	
Ethylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Hexachloro-1,3-butadiene	ug/kg	<10.0	10.0	07/28/21 11:58	
Isopropylbenzene (Cumene)	ug/kg	<5.0	5.0	07/28/21 11:58	
m&p-Xylene	ug/kg	<10.0	10.0	07/28/21 11:58	
Methyl-tert-butyl ether	ug/kg	<5.0	5.0	07/28/21 11:58	
Methylene Chloride	ug/kg	<20.0	20.0	07/28/21 11:58	
n-Butylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
n-Propylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Naphthalene	ug/kg	<5.0	5.0	07/28/21 11:58	
o-Xylene	ug/kg	<5.0	5.0	07/28/21 11:58	
p-Isopropyltoluene	ug/kg	<5.0	5.0	07/28/21 11:58	
sec-Butylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Styrene	ug/kg	<5.0	5.0	07/28/21 11:58	
tert-Butylbenzene	ug/kg	<5.0	5.0	07/28/21 11:58	
Tetrachloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
Toluene	ug/kg	<5.0	5.0	07/28/21 11:58	
trans-1,2-Dichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
trans-1,3-Dichloropropene	ug/kg	<5.0	5.0	07/28/21 11:58	
Trichloroethene	ug/kg	<5.0	5.0	07/28/21 11:58	
Trichlorofluoromethane	ug/kg	<5.0	5.0	07/28/21 11:58	
Vinyl acetate	ug/kg	<50.0	50.0	07/28/21 11:58	
Vinyl chloride	ug/kg	<10.0	10.0	07/28/21 11:58	
Xylene (Total)	ug/kg	<10.0	10.0	07/28/21 11:58	
1,2-Dichloroethane-d4 (S)	%	113	70-130	07/28/21 11:58	
4-Bromofluorobenzene (S)	%	98	69-134	07/28/21 11:58	
Toluene-d8 (S)	%	101	70-130	07/28/21 11:58	

LABORATORY CONTROL SAMPLE: 3341346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1110	89	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1180	94	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1060	85	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1120	89	70-130	
1,1-Dichloroethane	ug/kg	1250	1190	95	70-130	
1,1-Dichloroethene	ug/kg	1250	1230	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1240	99	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1100	88	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1070	86	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1130	90	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

LABORATORY CONTROL SAMPLE: 3341346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1140	91	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1060	85	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1050	84	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1080	86	70-130	
1,2-Dichloroethane	ug/kg	1250	1100	88	63-130	
1,2-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1100	88	70-130	
1,3-Dichloropropane	ug/kg	1250	1060	85	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1110	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1190	95	66-130	
2-Butanone (MEK)	ug/kg	2500	2370	95	70-130	
2-Chlorotoluene	ug/kg	1250	1190	95	70-130	
2-Hexanone	ug/kg	2500	2250	90	70-130	
4-Chlorotoluene	ug/kg	1250	1120	89	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2250	90	70-130	
Acetone	ug/kg	2500	2390	96	69-130	
Benzene	ug/kg	1250	1130	90	70-130	
Bromobenzene	ug/kg	1250	1080	86	70-130	
Bromochloromethane	ug/kg	1250	1120	89	70-130	
Bromodichloromethane	ug/kg	1250	1130	91	69-130	
Bromoform	ug/kg	1250	1120	89	70-130	
Bromomethane	ug/kg	1250	1420	114	52-130	
Carbon tetrachloride	ug/kg	1250	1230	98	70-130	
Chlorobenzene	ug/kg	1250	1080	87	70-130	
Chloroethane	ug/kg	1250	1310	105	65-130	
Chloroform	ug/kg	1250	1210	97	70-130	
Chloromethane	ug/kg	1250	1150	92	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1170	93	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1110	89	70-130	
Dibromochloromethane	ug/kg	1250	1110	89	70-130	
Dibromomethane	ug/kg	1250	1060	85	70-130	
Dichlorodifluoromethane	ug/kg	1250	1460	116	45-156 v1	
Diisopropyl ether	ug/kg	1250	1120	89	70-130	
Ethylbenzene	ug/kg	1250	1170	93	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1180	94	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1240	99	70-130	
m&p-Xylene	ug/kg	2500	2370	95	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1070	86	70-130	
Methylene Chloride	ug/kg	1250	1230	98	65-130	
n-Butylbenzene	ug/kg	1250	1230	98	67-130	
n-Propylbenzene	ug/kg	1250	1200	96	70-130	
Naphthalene	ug/kg	1250	1080	86	70-130	
o-Xylene	ug/kg	1250	1080	87	70-130	
p-Isopropyltoluene	ug/kg	1250	1230	98	67-130	
sec-Butylbenzene	ug/kg	1250	1230	98	69-130	
Styrene	ug/kg	1250	1170	94	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92551964

LABORATORY CONTROL SAMPLE: 3341346

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1150	92	67-130	
Tetrachloroethene	ug/kg	1250	1130	91	70-130	
Toluene	ug/kg	1250	1040	84	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1200	96	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1120	89	68-130	
Trichloroethene	ug/kg	1250	1120	89	70-130	
Trichlorofluoromethane	ug/kg	1250	1170	93	70-130	
Vinyl acetate	ug/kg	2500	2440	98	70-130	
Vinyl chloride	ug/kg	1250	1250	100	61-130	
Xylene (Total)	ug/kg	3750	3450	92	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341347 3341348

Parameter	Units	92551405010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	5130	5130	5150	5060	100	99	70-131	2	
1,1,1-Trichloroethane	ug/kg	ND	5130	5130	5870	5690	114	111	65-133	3	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5130	5130	5890	5760	115	112	66-130	2	
1,1,2-Trichloroethane	ug/kg	ND	5130	5130	5510	5380	107	105	66-133	3	
1,1-Dichloroethane	ug/kg	ND	5130	5130	5760	5500	112	107	65-130	5	
1,1-Dichloroethene	ug/kg	ND	5130	5130	6250	5980	122	116	10-158	4	
1,1-Dichloropropene	ug/kg	ND	5130	5130	6070	5930	118	115	68-133	2	
1,2,3-Trichlorobenzene	ug/kg	ND	5130	5130	5690	5130	111	100	27-138	10	
1,2,3-Trichloropropane	ug/kg	ND	5130	5130	4840	4820	94	94	67-130	0	
1,2,4-Trichlorobenzene	ug/kg	ND	5130	5130	5350	5180	104	101	51-134	3	
1,2,4-Trimethylbenzene	ug/kg	31800	5130	5130	32900	31600	21	-4	63-136	4	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	5130	5130	4870	4850	95	94	32-130	0	
1,2-Dibromoethane (EDB)	ug/kg	ND	5130	5130	4820	4740	94	92	70-130	2	
1,2-Dichlorobenzene	ug/kg	ND	5130	5130	5140	4910	100	96	69-130	5	
1,2-Dichloroethane	ug/kg	ND	5130	5130	5250	5040	102	98	59-130	4	
1,2-Dichloropropane	ug/kg	ND	5130	5130	5540	5390	108	105	70-130	3	
1,3,5-Trimethylbenzene	ug/kg	8870	5130	5130	13300	13000	86	80	65-137	3	
1,3-Dichlorobenzene	ug/kg	ND	5130	5130	5330	4930	104	96	70-130	8	
1,3-Dichloropropane	ug/kg	ND	5130	5130	4940	5730	96	112	70-130	15	
1,4-Dichlorobenzene	ug/kg	ND	5130	5130	5110	4910	100	96	68-130	4	
2,2-Dichloropropane	ug/kg	ND	5130	5130	4960	4890	96	95	32-130	1	
2-Butanone (MEK)	ug/kg	ND	10300	10300	10800	10400	105	101	10-136	3	
2-Chlorotoluene	ug/kg	ND	5130	5130	6520	6250	127	122	69-141	4	
2-Hexanone	ug/kg	ND	10300	10300	10300	10200	101	99	10-144	1	
4-Chlorotoluene	ug/kg	ND	5130	5130	5440	5210	106	101	70-132	4	
4-Methyl-2-pentanone (MIBK)	ug/kg	1160	10300	10300	11300	11100	99	97	25-143	2	
Acetone	ug/kg	ND	10300	10300	10300	10000	100	98	10-130	3	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341347 3341348											
Parameter	Units	92551405010		MS	MSD	MS		MSD	% Rec		Qual
		Result	Conc.	Spike	Spike	Result	Result	Result	% Rec	Limits	
Benzene	ug/kg	ND	5130	5130	5130	5430	5290	106	103	67-130	3
Bromobenzene	ug/kg	ND	5130	5130	5130	5190	4950	101	96	70-130	5
Bromochloromethane	ug/kg	ND	5130	5130	5130	5220	5040	102	98	69-134	4
Bromodichloromethane	ug/kg	ND	5130	5130	5130	5250	5170	102	101	64-130	2
Bromoform	ug/kg	ND	5130	5130	5130	4780	4700	93	91	62-130	2
Bromomethane	ug/kg	ND	5130	5130	5130	4790	3580	93	70	20-176	29
Carbon tetrachloride	ug/kg	ND	5130	5130	5130	5990	5870	117	114	65-140	2
Chlorobenzene	ug/kg	ND	5130	5130	5130	5210	5130	101	100	70-130	1
Chloroethane	ug/kg	ND	5130	5130	5130	4660	4640	91	90	10-130	0
Chloroform	ug/kg	ND	5130	5130	5130	5770	5580	112	109	63-130	3
Chloromethane	ug/kg	ND	5130	5130	5130	6220	5780	121	112	58-130	7
cis-1,2-Dichloroethene	ug/kg	ND	5130	5130	5130	5640	5360	110	104	66-130	5
cis-1,3-Dichloropropene	ug/kg	ND	5130	5130	5130	5080	5500	99	107	67-130	8
Dibromochloromethane	ug/kg	ND	5130	5130	5130	4910	4980	96	97	67-130	1
Dibromomethane	ug/kg	ND	5130	5130	5130	4910	4810	96	94	63-131	2
Dichlorodifluoromethane	ug/kg	ND	5130	5130	5130	7770	7060	151	137	44-180	10 v1
Diisopropyl ether	ug/kg	ND	5130	5130	5130	5200	5070	101	99	63-130	2
Ethylbenzene	ug/kg	2190	5130	5130	5130	7520	7440	104	102	66-130	1
Hexachloro-1,3-butadiene	ug/kg	ND	5130	5130	5130	8440	8260	164	161	64-150	2 M1
Isopropylbenzene (Cumene)	ug/kg	1990	5130	5130	5130	7670	7710	111	111	69-135	0
m&p-Xylene	ug/kg	254	10300	10300	10300	11600	11600	110	110	60-133	0
Methyl-tert-butyl ether	ug/kg	ND	5130	5130	5130	4830	4700	94	92	65-130	3
Methylene Chloride	ug/kg	ND	5130	5130	5130	5990	5650	117	110	61-130	6
n-Butylbenzene	ug/kg	4560	5130	5130	5130	10900	10100	124	108	65-140	8
n-Propylbenzene	ug/kg	4290	5130	5130	5130	9590	8830	103	89	67-140	8
Naphthalene	ug/kg	30400	5130	5130	5130	32100	31000	33	13	15-145	3 M1
o-Xylene	ug/kg	ND	5130	5130	5130	5050	5080	98	99	66-133	1
p-Isopropyltoluene	ug/kg	4380	5130	5130	5130	11900	11500	146	139	56-147	3
sec-Butylbenzene	ug/kg	4000	5130	5130	5130	9380	9120	105	100	65-139	3
Styrene	ug/kg	ND	5130	5130	5130	5380	5520	105	107	70-132	3
tert-Butylbenzene	ug/kg	ND	5130	5130	5130	6020	6370	117	124	62-135	6
Tetrachloroethene	ug/kg	ND	5130	5130	5130	5410	5400	105	105	70-135	0
Toluene	ug/kg	ND	5130	5130	5130	5080	4930	99	96	67-130	3
trans-1,2-Dichloroethene	ug/kg	ND	5130	5130	5130	5840	5640	114	110	69-130	3
trans-1,3-Dichloropropene	ug/kg	ND	5130	5130	5130	4980	4890	97	95	62-130	2
Trichloroethene	ug/kg	ND	5130	5130	5130	5400	5250	105	102	70-135	3
Trichlorofluoromethane	ug/kg	ND	5130	5130	5130	6730	6320	131	123	10-130	6 M1
Vinyl acetate	ug/kg	ND	10300	10300	10300	10100	9620	99	94	53-130	5
Vinyl chloride	ug/kg	ND	5130	5130	5130	6510	6100	127	119	61-148	7
Xylene (Total)	ug/kg	254	15500	15500	15500	16600	16600	106	106	63-132	0
1,2-Dichloroethane-d4 (S)	%							104	105	70-130	
4-Bromofluorobenzene (S)	%							114	116	69-134	
Toluene-d8 (S)	%							100	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

QC Batch: 636568

QC Batch Method: SW-846

Analysis Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551964001

SAMPLE DUPLICATE: 3342306

Parameter	Units	92551674004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	43.3	42.7	1	N2

SAMPLE DUPLICATE: 3342307

Parameter	Units	92551801004 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	14.2	12.9	9	N2

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QUALIFIERS

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92551964

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| v1 | The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias. |

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92551964

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551964001	RW-73 (54-56)	MADEP VPH	636414	MADEP VPH	636423
92551964001	RW-73 (54-56)	EPA 5035A/5030B	636396	EPA 8260D	636420
92551964001	RW-73 (54-56)	SW-846	636568		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92551964

PM: AMB

Due Date: 08/03/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																					3						
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

August 03, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92552521

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 29, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company

JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92552521001	AG3 (0-2)	Solid	07/29/21 10:00	07/29/21 17:53
92552521002	AG3 (6-8)	Solid	07/29/21 10:05	07/29/21 17:53
92552521003	AG3 (22-24)	Solid	07/29/21 10:10	07/29/21 17:53
92552521004	AG2 (0-2)	Solid	07/29/21 11:10	07/29/21 17:53
92552521005	AG2 (10-12)	Solid	07/29/21 11:15	07/29/21 17:53
92552521006	AG2 (22-24)	Solid	07/29/21 11:20	07/29/21 17:53
92552521007	AG1 (0-2)	Solid	07/29/21 14:40	07/29/21 17:53
92552521008	AG1 (2-4)	Solid	07/29/21 14:45	07/29/21 17:53
92552521009	AG1 (1-16)	Solid	07/29/21 14:50	07/29/21 17:53
92552521010	AGA1 (0-2)	Solid	07/29/21 15:55	07/29/21 17:53
92552521011	AGA1 (2-4)	Solid	07/29/21 16:00	07/29/21 17:53
92552521012	AGA1 (16-18)	Solid	07/29/21 16:05	07/29/21 17:53

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92552521001	AG3 (0-2)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521002	AG3 (6-8)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521003	AG3 (22-24)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521004	AG2 (0-2)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521005	AG2 (10-12)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521006	AG2 (22-24)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521007	AG1 (0-2)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521008	AG1 (2-4)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521009	AG1 (1-16)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521010	AGA1 (0-2)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521011	AGA1 (2-4)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552521012	AGA1 (16-18)	MADEP VPH	MAD	5	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
PASI-C = Pace Analytical Services - Charlotte					

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG3 (0-2) **Lab ID: 92552521001** Collected: 07/29/21 10:00 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	3.6	3.6	1	07/30/21 12:00	07/31/21 03:16		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.6	3.6	1	07/30/21 12:00	07/31/21 03:16		N2
Aromatic (C09-C10)	ND	mg/kg	3.6	3.6	1	07/30/21 12:00	07/31/21 03:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1	07/30/21 12:00	07/31/21 03:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1	07/30/21 12:00	07/31/21 03:16	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	156	50.0	1	07/30/21 12:08	07/30/21 16:41	67-64-1	
Benzene	ND	ug/kg	7.8	3.1	1	07/30/21 12:08	07/30/21 16:41	71-43-2	
Bromobenzene	ND	ug/kg	7.8	2.5	1	07/30/21 12:08	07/30/21 16:41	108-86-1	
Bromochloromethane	ND	ug/kg	7.8	2.3	1	07/30/21 12:08	07/30/21 16:41	74-97-5	
Bromodichloromethane	ND	ug/kg	7.8	3.0	1	07/30/21 12:08	07/30/21 16:41	75-27-4	
Bromoform	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 16:41	75-25-2	
Bromomethane	ND	ug/kg	15.6	12.3	1	07/30/21 12:08	07/30/21 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	156	37.4	1	07/30/21 12:08	07/30/21 16:41	78-93-3	
n-Butylbenzene	ND	ug/kg	7.8	3.7	1	07/30/21 12:08	07/30/21 16:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.8	3.4	1	07/30/21 12:08	07/30/21 16:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 16:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.8	2.9	1	07/30/21 12:08	07/30/21 16:41	56-23-5	
Chlorobenzene	ND	ug/kg	7.8	1.5	1	07/30/21 12:08	07/30/21 16:41	108-90-7	
Chloroethane	ND	ug/kg	15.6	6.0	1	07/30/21 12:08	07/30/21 16:41	75-00-3	
Chloroform	ND	ug/kg	7.8	4.7	1	07/30/21 12:08	07/30/21 16:41	67-66-3	
Chloromethane	ND	ug/kg	15.6	6.5	1	07/30/21 12:08	07/30/21 16:41	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 16:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.8	1.4	1	07/30/21 12:08	07/30/21 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	3.0	1	07/30/21 12:08	07/30/21 16:41	96-12-8	
Dibromochloromethane	ND	ug/kg	7.8	4.4	1	07/30/21 12:08	07/30/21 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.8	3.4	1	07/30/21 12:08	07/30/21 16:41	106-93-4	
Dibromomethane	ND	ug/kg	7.8	1.7	1	07/30/21 12:08	07/30/21 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.8	2.4	1	07/30/21 12:08	07/30/21 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.8	2.0	1	07/30/21 12:08	07/30/21 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.6	3.4	1	07/30/21 12:08	07/30/21 16:41	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.8	3.2	1	07/30/21 12:08	07/30/21 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.8	5.2	1	07/30/21 12:08	07/30/21 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.8	3.2	1	07/30/21 12:08	07/30/21 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.8	2.3	1	07/30/21 12:08	07/30/21 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.8	2.4	1	07/30/21 12:08	07/30/21 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.8	2.5	1	07/30/21 12:08	07/30/21 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.8	3.7	1	07/30/21 12:08	07/30/21 16:41	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG3 (0-2) **Lab ID:** 92552521001 **Collected:** 07/29/21 10:00 **Received:** 07/29/21 17:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 16:41	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 16:41	108-20-3	
Ethylbenzene	ND	ug/kg	7.8	3.6	1	07/30/21 12:08	07/30/21 16:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.6	12.7	1	07/30/21 12:08	07/30/21 16:41	87-68-3	
2-Hexanone	ND	ug/kg	77.9	7.5	1	07/30/21 12:08	07/30/21 16:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.8	2.6	1	07/30/21 12:08	07/30/21 16:41	98-82-8	
p-Isopropyltoluene	51.9	ug/kg	7.8	3.8	1	07/30/21 12:08	07/30/21 16:41	99-87-6	
Methylene Chloride	ND	ug/kg	31.2	21.3	1	07/30/21 12:08	07/30/21 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	77.9	7.5	1	07/30/21 12:08	07/30/21 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.8	2.9	1	07/30/21 12:08	07/30/21 16:41	1634-04-4	
Naphthalene	ND	ug/kg	7.8	4.1	1	07/30/21 12:08	07/30/21 16:41	91-20-3	
n-Propylbenzene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 16:41	103-65-1	
Styrene	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.8	3.0	1	07/30/21 12:08	07/30/21 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 16:41	79-34-5	
Tetrachloroethene	ND	ug/kg	7.8	2.5	1	07/30/21 12:08	07/30/21 16:41	127-18-4	
Toluene	5.2J	ug/kg	7.8	2.2	1	07/30/21 12:08	07/30/21 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.8	6.3	1	07/30/21 12:08	07/30/21 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.8	6.5	1	07/30/21 12:08	07/30/21 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.8	4.1	1	07/30/21 12:08	07/30/21 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.8	2.6	1	07/30/21 12:08	07/30/21 16:41	79-00-5	
Trichloroethene	ND	ug/kg	7.8	2.0	1	07/30/21 12:08	07/30/21 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.8	4.3	1	07/30/21 12:08	07/30/21 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.8	3.9	1	07/30/21 12:08	07/30/21 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 16:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.8	2.6	1	07/30/21 12:08	07/30/21 16:41	108-67-8	
Vinyl acetate	ND	ug/kg	77.9	5.7	1	07/30/21 12:08	07/30/21 16:41	108-05-4	
Vinyl chloride	ND	ug/kg	15.6	4.0	1	07/30/21 12:08	07/30/21 16:41	75-01-4	
Xylene (Total)	ND	ug/kg	15.6	4.4	1	07/30/21 12:08	07/30/21 16:41	1330-20-7	
m&p-Xylene	ND	ug/kg	15.6	5.3	1	07/30/21 12:08	07/30/21 16:41	179601-23-1	
o-Xylene	ND	ug/kg	7.8	3.4	1	07/30/21 12:08	07/30/21 16:41	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	07/30/21 12:08	07/30/21 16:41	2037-26-5	
4-Bromofluorobenzene (S)	102	%	69-134		1	07/30/21 12:08	07/30/21 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	07/30/21 12:08	07/30/21 16:41	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.7	%	0.10	0.10	1		07/29/21 18:15		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG3 (6-8) **Lab ID: 92552521002** Collected: 07/29/21 10:05 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	3.9	3.9	1	07/30/21 12:00	07/31/21 03:44		N2
Aliphatic(C09-C12) Adjusted	5.5	mg/kg	3.9	3.9	1	07/30/21 12:00	07/31/21 03:44		N2
Aromatic (C09-C10)	6.5	mg/kg	3.9	3.9	1	07/30/21 12:00	07/31/21 03:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	109	%	70-130		1	07/30/21 12:00	07/31/21 03:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	111	%	70-130		1	07/30/21 12:00	07/31/21 03:44	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	157	50.5	1	07/30/21 12:08	07/30/21 16:59	67-64-1	
Benzene	ND	ug/kg	7.9	3.1	1	07/30/21 12:08	07/30/21 16:59	71-43-2	
Bromobenzene	ND	ug/kg	7.9	2.6	1	07/30/21 12:08	07/30/21 16:59	108-86-1	
Bromochloromethane	ND	ug/kg	7.9	2.3	1	07/30/21 12:08	07/30/21 16:59	74-97-5	
Bromodichloromethane	ND	ug/kg	7.9	3.0	1	07/30/21 12:08	07/30/21 16:59	75-27-4	
Bromoform	ND	ug/kg	7.9	2.8	1	07/30/21 12:08	07/30/21 16:59	75-25-2	
Bromomethane	ND	ug/kg	15.7	12.4	1	07/30/21 12:08	07/30/21 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	157	37.7	1	07/30/21 12:08	07/30/21 16:59	78-93-3	
n-Butylbenzene	ND	ug/kg	7.9	3.7	1	07/30/21 12:08	07/30/21 16:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.9	3.5	1	07/30/21 12:08	07/30/21 16:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.9	2.8	1	07/30/21 12:08	07/30/21 16:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.9	2.9	1	07/30/21 12:08	07/30/21 16:59	56-23-5	
Chlorobenzene	ND	ug/kg	7.9	1.5	1	07/30/21 12:08	07/30/21 16:59	108-90-7	
Chloroethane	ND	ug/kg	15.7	6.1	1	07/30/21 12:08	07/30/21 16:59	75-00-3	
Chloroform	ND	ug/kg	7.9	4.8	1	07/30/21 12:08	07/30/21 16:59	67-66-3	
Chloromethane	ND	ug/kg	15.7	6.6	1	07/30/21 12:08	07/30/21 16:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.9	2.8	1	07/30/21 12:08	07/30/21 16:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.9	1.4	1	07/30/21 12:08	07/30/21 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.9	3.1	1	07/30/21 12:08	07/30/21 16:59	96-12-8	
Dibromochloromethane	ND	ug/kg	7.9	4.4	1	07/30/21 12:08	07/30/21 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.9	3.5	1	07/30/21 12:08	07/30/21 16:59	106-93-4	
Dibromomethane	ND	ug/kg	7.9	1.7	1	07/30/21 12:08	07/30/21 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.9	2.8	1	07/30/21 12:08	07/30/21 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.9	2.4	1	07/30/21 12:08	07/30/21 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.9	2.0	1	07/30/21 12:08	07/30/21 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.7	3.4	1	07/30/21 12:08	07/30/21 16:59	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.9	3.2	1	07/30/21 12:08	07/30/21 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.9	5.2	1	07/30/21 12:08	07/30/21 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.9	3.2	1	07/30/21 12:08	07/30/21 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.9	2.7	1	07/30/21 12:08	07/30/21 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.9	2.8	1	07/30/21 12:08	07/30/21 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.9	2.4	1	07/30/21 12:08	07/30/21 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.9	2.5	1	07/30/21 12:08	07/30/21 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.9	2.6	1	07/30/21 12:08	07/30/21 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.9	3.8	1	07/30/21 12:08	07/30/21 16:59	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG3 (6-8) **Lab ID: 92552521002** Collected: 07/29/21 10:05 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	7.9	2.1	1	07/30/21 12:08	07/30/21 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.9	2.7	1	07/30/21 12:08	07/30/21 16:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.9	2.1	1	07/30/21 12:08	07/30/21 16:59	108-20-3	
Ethylbenzene	ND	ug/kg	7.9	3.7	1	07/30/21 12:08	07/30/21 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.7	12.9	1	07/30/21 12:08	07/30/21 16:59	87-68-3	
2-Hexanone	ND	ug/kg	78.6	7.6	1	07/30/21 12:08	07/30/21 16:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.9	2.7	1	07/30/21 12:08	07/30/21 16:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.9	3.9	1	07/30/21 12:08	07/30/21 16:59	99-87-6	
Methylene Chloride	ND	ug/kg	31.4	21.5	1	07/30/21 12:08	07/30/21 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	78.6	7.6	1	07/30/21 12:08	07/30/21 16:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.9	2.9	1	07/30/21 12:08	07/30/21 16:59	1634-04-4	
Naphthalene	ND	ug/kg	7.9	4.1	1	07/30/21 12:08	07/30/21 16:59	91-20-3	
n-Propylbenzene	ND	ug/kg	7.9	2.8	1	07/30/21 12:08	07/30/21 16:59	103-65-1	
Styrene	ND	ug/kg	7.9	2.1	1	07/30/21 12:08	07/30/21 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.9	3.0	1	07/30/21 12:08	07/30/21 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.9	2.1	1	07/30/21 12:08	07/30/21 16:59	79-34-5	
Tetrachloroethene	ND	ug/kg	7.9	2.5	1	07/30/21 12:08	07/30/21 16:59	127-18-4	
Toluene	ND	ug/kg	7.9	2.2	1	07/30/21 12:08	07/30/21 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.9	6.4	1	07/30/21 12:08	07/30/21 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.9	6.6	1	07/30/21 12:08	07/30/21 16:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.9	4.1	1	07/30/21 12:08	07/30/21 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.9	2.6	1	07/30/21 12:08	07/30/21 16:59	79-00-5	
Trichloroethene	ND	ug/kg	7.9	2.0	1	07/30/21 12:08	07/30/21 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.9	4.3	1	07/30/21 12:08	07/30/21 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.9	4.0	1	07/30/21 12:08	07/30/21 16:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.9	2.2	1	07/30/21 12:08	07/30/21 16:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.9	2.6	1	07/30/21 12:08	07/30/21 16:59	108-67-8	
Vinyl acetate	ND	ug/kg	78.6	5.7	1	07/30/21 12:08	07/30/21 16:59	108-05-4	
Vinyl chloride	ND	ug/kg	15.7	4.0	1	07/30/21 12:08	07/30/21 16:59	75-01-4	
Xylene (Total)	ND	ug/kg	15.7	4.5	1	07/30/21 12:08	07/30/21 16:59	1330-20-7	
m&p-Xylene	ND	ug/kg	15.7	5.4	1	07/30/21 12:08	07/30/21 16:59	179601-23-1	
o-Xylene	ND	ug/kg	7.9	3.5	1	07/30/21 12:08	07/30/21 16:59	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	07/30/21 12:08	07/30/21 16:59	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		1	07/30/21 12:08	07/30/21 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	07/30/21 12:08	07/30/21 16:59	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.8	%	0.10	0.10	1		07/29/21 18:15		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG3 (22-24) **Lab ID: 92552521003** Collected: 07/29/21 10:10 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	11000	mg/kg	73.9	73.9	20	08/02/21 16:53	08/03/21 01:50		N2
Aliphatic(C09-C12) Adjusted	3450	mg/kg	73.9	73.9	20	08/02/21 16:53	08/03/21 01:50		N2
Aromatic (C09-C10)	1240	mg/kg	73.9	73.9	20	08/02/21 16:53	08/03/21 01:50		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	125	%	70-130		20	08/02/21 16:53	08/03/21 01:50	460-00-4	
4-Bromofluorobenzene (PID) (S)	72	%	70-130		20	08/02/21 16:53	08/03/21 01:50	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	6900	2210	50	07/30/21 12:08	07/30/21 20:04	67-64-1	
Benzene	17900	ug/kg	345	137	50	07/30/21 12:08	07/30/21 20:04	71-43-2	
Bromobenzene	ND	ug/kg	345	112	50	07/30/21 12:08	07/30/21 20:04	108-86-1	
Bromochloromethane	ND	ug/kg	345	102	50	07/30/21 12:08	07/30/21 20:04	74-97-5	
Bromodichloromethane	ND	ug/kg	345	133	50	07/30/21 12:08	07/30/21 20:04	75-27-4	
Bromoform	ND	ug/kg	345	121	50	07/30/21 12:08	07/30/21 20:04	75-25-2	
Bromomethane	ND	ug/kg	690	545	50	07/30/21 12:08	07/30/21 20:04	74-83-9	
2-Butanone (MEK)	ND	ug/kg	6900	1660	50	07/30/21 12:08	07/30/21 20:04	78-93-3	
n-Butylbenzene	9510	ug/kg	345	163	50	07/30/21 12:08	07/30/21 20:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	345	152	50	07/30/21 12:08	07/30/21 20:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	345	123	50	07/30/21 12:08	07/30/21 20:04	98-06-6	
Carbon tetrachloride	ND	ug/kg	345	129	50	07/30/21 12:08	07/30/21 20:04	56-23-5	
Chlorobenzene	ND	ug/kg	345	66.2	50	07/30/21 12:08	07/30/21 20:04	108-90-7	
Chloroethane	ND	ug/kg	690	266	50	07/30/21 12:08	07/30/21 20:04	75-00-3	
Chloroform	ND	ug/kg	345	210	50	07/30/21 12:08	07/30/21 20:04	67-66-3	
Chloromethane	ND	ug/kg	690	290	50	07/30/21 12:08	07/30/21 20:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	345	122	50	07/30/21 12:08	07/30/21 20:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	345	61.1	50	07/30/21 12:08	07/30/21 20:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	345	134	50	07/30/21 12:08	07/30/21 20:04	96-12-8	
Dibromochloromethane	ND	ug/kg	345	194	50	07/30/21 12:08	07/30/21 20:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	345	152	50	07/30/21 12:08	07/30/21 20:04	106-93-4	
Dibromomethane	ND	ug/kg	345	73.8	50	07/30/21 12:08	07/30/21 20:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	345	124	50	07/30/21 12:08	07/30/21 20:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	345	107	50	07/30/21 12:08	07/30/21 20:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	345	89.7	50	07/30/21 12:08	07/30/21 20:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	690	150	50	07/30/21 12:08	07/30/21 20:04	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	345	142	50	07/30/21 12:08	07/30/21 20:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	345	228	50	07/30/21 12:08	07/30/21 20:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	345	142	50	07/30/21 12:08	07/30/21 20:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	345	118	50	07/30/21 12:08	07/30/21 20:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	345	121	50	07/30/21 12:08	07/30/21 20:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	345	103	50	07/30/21 12:08	07/30/21 20:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	345	108	50	07/30/21 12:08	07/30/21 20:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	345	112	50	07/30/21 12:08	07/30/21 20:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	345	166	50	07/30/21 12:08	07/30/21 20:04	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG3 (22-24) **Lab ID: 92552521003** Collected: 07/29/21 10:10 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	345	93.8	50	07/30/21 12:08	07/30/21 20:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	345	119	50	07/30/21 12:08	07/30/21 20:04	10061-02-6	
Diisopropyl ether	628	ug/kg	345	93.1	50	07/30/21 12:08	07/30/21 20:04	108-20-3	
Ethylbenzene	107000	ug/kg	345	161	50	07/30/21 12:08	07/30/21 20:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	690	564	50	07/30/21 12:08	07/30/21 20:04	87-68-3	
2-Hexanone	ND	ug/kg	3450	333	50	07/30/21 12:08	07/30/21 20:04	591-78-6	
Isopropylbenzene (Cumene)	9610	ug/kg	345	117	50	07/30/21 12:08	07/30/21 20:04	98-82-8	
p-Isopropyltoluene	8730	ug/kg	345	170	50	07/30/21 12:08	07/30/21 20:04	99-87-6	
Methylene Chloride	ND	ug/kg	1380	945	50	07/30/21 12:08	07/30/21 20:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	4750	ug/kg	3450	333	50	07/30/21 12:08	07/30/21 20:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	345	129	50	07/30/21 12:08	07/30/21 20:04	1634-04-4	
Naphthalene	20800	ug/kg	345	181	50	07/30/21 12:08	07/30/21 20:04	91-20-3	
n-Propylbenzene	34400	ug/kg	345	123	50	07/30/21 12:08	07/30/21 20:04	103-65-1	
Styrene	4850	ug/kg	345	91.1	50	07/30/21 12:08	07/30/21 20:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	345	132	50	07/30/21 12:08	07/30/21 20:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	345	91.1	50	07/30/21 12:08	07/30/21 20:04	79-34-5	
Tetrachloroethene	ND	ug/kg	345	109	50	07/30/21 12:08	07/30/21 20:04	127-18-4	
Toluene	276000	ug/kg	345	98.0	50	07/30/21 12:08	07/30/21 20:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	345	279	50	07/30/21 12:08	07/30/21 20:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	345	290	50	07/30/21 12:08	07/30/21 20:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	345	179	50	07/30/21 12:08	07/30/21 20:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	345	115	50	07/30/21 12:08	07/30/21 20:04	79-00-5	
Trichloroethene	ND	ug/kg	345	89.0	50	07/30/21 12:08	07/30/21 20:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	345	190	50	07/30/21 12:08	07/30/21 20:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	345	175	50	07/30/21 12:08	07/30/21 20:04	96-18-4	
1,2,4-Trimethylbenzene	190000	ug/kg	345	94.5	50	07/30/21 12:08	07/30/21 20:04	95-63-6	
1,3,5-Trimethylbenzene	56300	ug/kg	345	116	50	07/30/21 12:08	07/30/21 20:04	108-67-8	
Vinyl acetate	ND	ug/kg	3450	251	50	07/30/21 12:08	07/30/21 20:04	108-05-4	
Vinyl chloride	ND	ug/kg	690	175	50	07/30/21 12:08	07/30/21 20:04	75-01-4	
Xylene (Total)	579000	ug/kg	690	197	50	07/30/21 12:08	07/30/21 20:04	1330-20-7	
m&p-Xylene	425000	ug/kg	690	236	50	07/30/21 12:08	07/30/21 20:04	179601-23-1	
o-Xylene	154000	ug/kg	345	152	50	07/30/21 12:08	07/30/21 20:04	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		50	07/30/21 12:08	07/30/21 20:04	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		50	07/30/21 12:08	07/30/21 20:04	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		50	07/30/21 12:08	07/30/21 20:04	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	17.6	%	0.10	0.10	1	07/29/21 18:15	N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG2 (0-2) **Lab ID: 92552521004** Collected: 07/29/21 11:10 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	3.7	3.7	1	07/30/21 12:00	07/31/21 04:12		N2
Aliphatic(C09-C12) Adjusted	6.3	mg/kg	3.7	3.7	1	07/30/21 12:00	07/31/21 04:12		N2
Aromatic (C09-C10)	8.5	mg/kg	3.7	3.7	1	07/30/21 12:00	07/31/21 04:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	108	%	70-130		1	07/30/21 12:00	07/31/21 04:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1	07/30/21 12:00	07/31/21 04:12	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	152	48.7	1	07/30/21 12:08	07/30/21 17:18	67-64-1	
Benzene	ND	ug/kg	7.6	3.0	1	07/30/21 12:08	07/30/21 17:18	71-43-2	
Bromobenzene	ND	ug/kg	7.6	2.5	1	07/30/21 12:08	07/30/21 17:18	108-86-1	
Bromochloromethane	ND	ug/kg	7.6	2.2	1	07/30/21 12:08	07/30/21 17:18	74-97-5	
Bromodichloromethane	ND	ug/kg	7.6	2.9	1	07/30/21 12:08	07/30/21 17:18	75-27-4	
Bromoform	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 17:18	75-25-2	
Bromomethane	ND	ug/kg	15.2	12.0	1	07/30/21 12:08	07/30/21 17:18	74-83-9	
2-Butanone (MEK)	328	ug/kg	152	36.4	1	07/30/21 12:08	07/30/21 17:18	78-93-3	
n-Butylbenzene	ND	ug/kg	7.6	3.6	1	07/30/21 12:08	07/30/21 17:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.6	3.3	1	07/30/21 12:08	07/30/21 17:18	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 17:18	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.6	2.8	1	07/30/21 12:08	07/30/21 17:18	56-23-5	
Chlorobenzene	ND	ug/kg	7.6	1.5	1	07/30/21 12:08	07/30/21 17:18	108-90-7	
Chloroethane	ND	ug/kg	15.2	5.9	1	07/30/21 12:08	07/30/21 17:18	75-00-3	
Chloroform	ND	ug/kg	7.6	4.6	1	07/30/21 12:08	07/30/21 17:18	67-66-3	
Chloromethane	ND	ug/kg	15.2	6.4	1	07/30/21 12:08	07/30/21 17:18	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 17:18	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.6	1.3	1	07/30/21 12:08	07/30/21 17:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	2.9	1	07/30/21 12:08	07/30/21 17:18	96-12-8	
Dibromochloromethane	ND	ug/kg	7.6	4.3	1	07/30/21 12:08	07/30/21 17:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	3.3	1	07/30/21 12:08	07/30/21 17:18	106-93-4	
Dibromomethane	ND	ug/kg	7.6	1.6	1	07/30/21 12:08	07/30/21 17:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 17:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.6	2.4	1	07/30/21 12:08	07/30/21 17:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 17:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.2	3.3	1	07/30/21 12:08	07/30/21 17:18	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.6	3.1	1	07/30/21 12:08	07/30/21 17:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.6	5.0	1	07/30/21 12:08	07/30/21 17:18	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.6	3.1	1	07/30/21 12:08	07/30/21 17:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 17:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 17:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.6	2.3	1	07/30/21 12:08	07/30/21 17:18	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.6	2.4	1	07/30/21 12:08	07/30/21 17:18	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.6	2.5	1	07/30/21 12:08	07/30/21 17:18	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.6	3.6	1	07/30/21 12:08	07/30/21 17:18	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG2 (0-2) **Lab ID:** 92552521004 **Collected:** 07/29/21 11:10 **Received:** 07/29/21 17:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	7.6	2.1	1	07/30/21 12:08	07/30/21 17:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 17:18	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 17:18	108-20-3	
Ethylbenzene	ND	ug/kg	7.6	3.5	1	07/30/21 12:08	07/30/21 17:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.2	12.4	1	07/30/21 12:08	07/30/21 17:18	87-68-3	
2-Hexanone	ND	ug/kg	75.9	7.3	1	07/30/21 12:08	07/30/21 17:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 17:18	98-82-8	
p-Isopropyltoluene	266	ug/kg	7.6	3.7	1	07/30/21 12:08	07/30/21 17:18	99-87-6	
Methylene Chloride	ND	ug/kg	30.4	20.8	1	07/30/21 12:08	07/30/21 17:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	75.9	7.3	1	07/30/21 12:08	07/30/21 17:18	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.6	2.8	1	07/30/21 12:08	07/30/21 17:18	1634-04-4	
Naphthalene	ND	ug/kg	7.6	4.0	1	07/30/21 12:08	07/30/21 17:18	91-20-3	
n-Propylbenzene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 17:18	103-65-1	
Styrene	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 17:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.6	2.9	1	07/30/21 12:08	07/30/21 17:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 17:18	79-34-5	
Tetrachloroethene	ND	ug/kg	7.6	2.4	1	07/30/21 12:08	07/30/21 17:18	127-18-4	
Toluene	4.3J	ug/kg	7.6	2.2	1	07/30/21 12:08	07/30/21 17:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.6	6.1	1	07/30/21 12:08	07/30/21 17:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.6	6.4	1	07/30/21 12:08	07/30/21 17:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.6	3.9	1	07/30/21 12:08	07/30/21 17:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.6	2.5	1	07/30/21 12:08	07/30/21 17:18	79-00-5	
Trichloroethene	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 17:18	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.6	4.2	1	07/30/21 12:08	07/30/21 17:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.6	3.8	1	07/30/21 12:08	07/30/21 17:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.6	2.1	1	07/30/21 12:08	07/30/21 17:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 17:18	108-67-8	
Vinyl acetate	ND	ug/kg	75.9	5.5	1	07/30/21 12:08	07/30/21 17:18	108-05-4	
Vinyl chloride	ND	ug/kg	15.2	3.9	1	07/30/21 12:08	07/30/21 17:18	75-01-4	
Xylene (Total)	ND	ug/kg	15.2	4.3	1	07/30/21 12:08	07/30/21 17:18	1330-20-7	
m&p-Xylene	ND	ug/kg	15.2	5.2	1	07/30/21 12:08	07/30/21 17:18	179601-23-1	
o-Xylene	ND	ug/kg	7.6	3.4	1	07/30/21 12:08	07/30/21 17:18	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/30/21 12:08	07/30/21 17:18	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	07/30/21 12:08	07/30/21 17:18	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	70-130		1	07/30/21 12:08	07/30/21 17:18	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	22.1	%	0.10	0.10	1		07/29/21 18:15		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG2 (10-12) **Lab ID: 92552521005** Collected: 07/29/21 11:15 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	4.0	4.0	1	07/30/21 12:00	07/31/21 04:41		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.0	4.0	1	07/30/21 12:00	07/31/21 04:41		N2
Aromatic (C09-C10)	ND	mg/kg	4.0	4.0	1	07/30/21 12:00	07/31/21 04:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1	07/30/21 12:00	07/31/21 04:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1	07/30/21 12:00	07/31/21 04:41	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	156	50.0	1	07/30/21 12:08	07/30/21 17:36	67-64-1	
Benzene	4.6J	ug/kg	7.8	3.1	1	07/30/21 12:08	07/30/21 17:36	71-43-2	
Bromobenzene	ND	ug/kg	7.8	2.5	1	07/30/21 12:08	07/30/21 17:36	108-86-1	
Bromochloromethane	ND	ug/kg	7.8	2.3	1	07/30/21 12:08	07/30/21 17:36	74-97-5	
Bromodichloromethane	ND	ug/kg	7.8	3.0	1	07/30/21 12:08	07/30/21 17:36	75-27-4	
Bromoform	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 17:36	75-25-2	
Bromomethane	ND	ug/kg	15.6	12.3	1	07/30/21 12:08	07/30/21 17:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	156	37.4	1	07/30/21 12:08	07/30/21 17:36	78-93-3	
n-Butylbenzene	ND	ug/kg	7.8	3.7	1	07/30/21 12:08	07/30/21 17:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.8	3.4	1	07/30/21 12:08	07/30/21 17:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 17:36	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.8	2.9	1	07/30/21 12:08	07/30/21 17:36	56-23-5	
Chlorobenzene	ND	ug/kg	7.8	1.5	1	07/30/21 12:08	07/30/21 17:36	108-90-7	
Chloroethane	ND	ug/kg	15.6	6.0	1	07/30/21 12:08	07/30/21 17:36	75-00-3	
Chloroform	ND	ug/kg	7.8	4.7	1	07/30/21 12:08	07/30/21 17:36	67-66-3	
Chloromethane	ND	ug/kg	15.6	6.5	1	07/30/21 12:08	07/30/21 17:36	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 17:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.8	1.4	1	07/30/21 12:08	07/30/21 17:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.8	3.0	1	07/30/21 12:08	07/30/21 17:36	96-12-8	
Dibromochloromethane	ND	ug/kg	7.8	4.4	1	07/30/21 12:08	07/30/21 17:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.8	3.4	1	07/30/21 12:08	07/30/21 17:36	106-93-4	
Dibromomethane	ND	ug/kg	7.8	1.7	1	07/30/21 12:08	07/30/21 17:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 17:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.8	2.4	1	07/30/21 12:08	07/30/21 17:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.8	2.0	1	07/30/21 12:08	07/30/21 17:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.6	3.4	1	07/30/21 12:08	07/30/21 17:36	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.8	3.2	1	07/30/21 12:08	07/30/21 17:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.8	5.2	1	07/30/21 12:08	07/30/21 17:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.8	3.2	1	07/30/21 12:08	07/30/21 17:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 17:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 17:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.8	2.3	1	07/30/21 12:08	07/30/21 17:36	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.8	2.4	1	07/30/21 12:08	07/30/21 17:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.8	2.5	1	07/30/21 12:08	07/30/21 17:36	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.8	3.7	1	07/30/21 12:08	07/30/21 17:36	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG2 (10-12) **Lab ID: 92552521005** Collected: 07/29/21 11:15 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 17:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.8	2.7	1	07/30/21 12:08	07/30/21 17:36	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 17:36	108-20-3	
Ethylbenzene	ND	ug/kg	7.8	3.6	1	07/30/21 12:08	07/30/21 17:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.6	12.7	1	07/30/21 12:08	07/30/21 17:36	87-68-3	
2-Hexanone	ND	ug/kg	77.9	7.5	1	07/30/21 12:08	07/30/21 17:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.8	2.6	1	07/30/21 12:08	07/30/21 17:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.8	3.8	1	07/30/21 12:08	07/30/21 17:36	99-87-6	
Methylene Chloride	ND	ug/kg	31.2	21.4	1	07/30/21 12:08	07/30/21 17:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	77.9	7.5	1	07/30/21 12:08	07/30/21 17:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.8	2.9	1	07/30/21 12:08	07/30/21 17:36	1634-04-4	
Naphthalene	ND	ug/kg	7.8	4.1	1	07/30/21 12:08	07/30/21 17:36	91-20-3	
n-Propylbenzene	ND	ug/kg	7.8	2.8	1	07/30/21 12:08	07/30/21 17:36	103-65-1	
Styrene	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 17:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.8	3.0	1	07/30/21 12:08	07/30/21 17:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 17:36	79-34-5	
Tetrachloroethene	ND	ug/kg	7.8	2.5	1	07/30/21 12:08	07/30/21 17:36	127-18-4	
Toluene	31.3	ug/kg	7.8	2.2	1	07/30/21 12:08	07/30/21 17:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.8	6.3	1	07/30/21 12:08	07/30/21 17:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.8	6.5	1	07/30/21 12:08	07/30/21 17:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.8	4.1	1	07/30/21 12:08	07/30/21 17:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.8	2.6	1	07/30/21 12:08	07/30/21 17:36	79-00-5	
Trichloroethene	ND	ug/kg	7.8	2.0	1	07/30/21 12:08	07/30/21 17:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.8	4.3	1	07/30/21 12:08	07/30/21 17:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.8	3.9	1	07/30/21 12:08	07/30/21 17:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.8	2.1	1	07/30/21 12:08	07/30/21 17:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.8	2.6	1	07/30/21 12:08	07/30/21 17:36	108-67-8	
Vinyl acetate	ND	ug/kg	77.9	5.7	1	07/30/21 12:08	07/30/21 17:36	108-05-4	
Vinyl chloride	ND	ug/kg	15.6	4.0	1	07/30/21 12:08	07/30/21 17:36	75-01-4	
Xylene (Total)	18.5	ug/kg	15.6	4.4	1	07/30/21 12:08	07/30/21 17:36	1330-20-7	
m&p-Xylene	10.8J	ug/kg	15.6	5.3	1	07/30/21 12:08	07/30/21 17:36	179601-23-1	
o-Xylene	7.7J	ug/kg	7.8	3.4	1	07/30/21 12:08	07/30/21 17:36	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	07/30/21 12:08	07/30/21 17:36	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	07/30/21 12:08	07/30/21 17:36	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1	07/30/21 12:08	07/30/21 17:36	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	23.5	%	0.10	0.10	1		07/29/21 18:15		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG2 (22-24) **Lab ID: 92552521006** Collected: 07/29/21 11:20 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 05:09		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 05:09		N2
Aromatic (C09-C10)	ND	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 05:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1	07/30/21 12:00	07/31/21 05:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1	07/30/21 12:00	07/31/21 05:09	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	184	59.1	1	07/30/21 12:08	07/30/21 17:55	67-64-1	
Benzene	16.3	ug/kg	9.2	3.7	1	07/30/21 12:08	07/30/21 17:55	71-43-2	
Bromobenzene	ND	ug/kg	9.2	3.0	1	07/30/21 12:08	07/30/21 17:55	108-86-1	
Bromochloromethane	ND	ug/kg	9.2	2.7	1	07/30/21 12:08	07/30/21 17:55	74-97-5	
Bromodichloromethane	ND	ug/kg	9.2	3.6	1	07/30/21 12:08	07/30/21 17:55	75-27-4	
Bromoform	ND	ug/kg	9.2	3.2	1	07/30/21 12:08	07/30/21 17:55	75-25-2	
Bromomethane	ND	ug/kg	18.4	14.5	1	07/30/21 12:08	07/30/21 17:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	184	44.2	1	07/30/21 12:08	07/30/21 17:55	78-93-3	
n-Butylbenzene	ND	ug/kg	9.2	4.3	1	07/30/21 12:08	07/30/21 17:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.2	4.0	1	07/30/21 12:08	07/30/21 17:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.2	3.3	1	07/30/21 12:08	07/30/21 17:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.2	3.4	1	07/30/21 12:08	07/30/21 17:55	56-23-5	
Chlorobenzene	ND	ug/kg	9.2	1.8	1	07/30/21 12:08	07/30/21 17:55	108-90-7	
Chloroethane	ND	ug/kg	18.4	7.1	1	07/30/21 12:08	07/30/21 17:55	75-00-3	
Chloroform	ND	ug/kg	9.2	5.6	1	07/30/21 12:08	07/30/21 17:55	67-66-3	
Chloromethane	ND	ug/kg	18.4	7.7	1	07/30/21 12:08	07/30/21 17:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.2	3.3	1	07/30/21 12:08	07/30/21 17:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.2	1.6	1	07/30/21 12:08	07/30/21 17:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.2	3.6	1	07/30/21 12:08	07/30/21 17:55	96-12-8	
Dibromochloromethane	ND	ug/kg	9.2	5.2	1	07/30/21 12:08	07/30/21 17:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.2	4.0	1	07/30/21 12:08	07/30/21 17:55	106-93-4	
Dibromomethane	ND	ug/kg	9.2	2.0	1	07/30/21 12:08	07/30/21 17:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.2	3.3	1	07/30/21 12:08	07/30/21 17:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.2	2.9	1	07/30/21 12:08	07/30/21 17:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.2	2.4	1	07/30/21 12:08	07/30/21 17:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.4	4.0	1	07/30/21 12:08	07/30/21 17:55	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	9.2	3.8	1	07/30/21 12:08	07/30/21 17:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.2	6.1	1	07/30/21 12:08	07/30/21 17:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.2	3.8	1	07/30/21 12:08	07/30/21 17:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.2	3.1	1	07/30/21 12:08	07/30/21 17:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.2	3.2	1	07/30/21 12:08	07/30/21 17:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.2	2.8	1	07/30/21 12:08	07/30/21 17:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.2	2.9	1	07/30/21 12:08	07/30/21 17:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.2	3.0	1	07/30/21 12:08	07/30/21 17:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.2	4.4	1	07/30/21 12:08	07/30/21 17:55	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG2 (22-24) **Lab ID: 92552521006** Collected: 07/29/21 11:20 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	9.2	2.5	1	07/30/21 12:08	07/30/21 17:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.2	3.2	1	07/30/21 12:08	07/30/21 17:55	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.2	2.5	1	07/30/21 12:08	07/30/21 17:55	108-20-3	
Ethylbenzene	24.2	ug/kg	9.2	4.3	1	07/30/21 12:08	07/30/21 17:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.4	15.1	1	07/30/21 12:08	07/30/21 17:55	87-68-3	
2-Hexanone	ND	ug/kg	92.0	8.9	1	07/30/21 12:08	07/30/21 17:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	9.2	3.1	1	07/30/21 12:08	07/30/21 17:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	9.2	4.5	1	07/30/21 12:08	07/30/21 17:55	99-87-6	
Methylene Chloride	ND	ug/kg	36.8	25.2	1	07/30/21 12:08	07/30/21 17:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	92.0	8.9	1	07/30/21 12:08	07/30/21 17:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.2	3.4	1	07/30/21 12:08	07/30/21 17:55	1634-04-4	
Naphthalene	ND	ug/kg	9.2	4.8	1	07/30/21 12:08	07/30/21 17:55	91-20-3	
n-Propylbenzene	ND	ug/kg	9.2	3.3	1	07/30/21 12:08	07/30/21 17:55	103-65-1	
Styrene	ND	ug/kg	9.2	2.4	1	07/30/21 12:08	07/30/21 17:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.2	3.5	1	07/30/21 12:08	07/30/21 17:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.2	2.4	1	07/30/21 12:08	07/30/21 17:55	79-34-5	
Tetrachloroethene	ND	ug/kg	9.2	2.9	1	07/30/21 12:08	07/30/21 17:55	127-18-4	
Toluene	108	ug/kg	9.2	2.6	1	07/30/21 12:08	07/30/21 17:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.2	7.4	1	07/30/21 12:08	07/30/21 17:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.2	7.7	1	07/30/21 12:08	07/30/21 17:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.2	4.8	1	07/30/21 12:08	07/30/21 17:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.2	3.1	1	07/30/21 12:08	07/30/21 17:55	79-00-5	
Trichloroethene	ND	ug/kg	9.2	2.4	1	07/30/21 12:08	07/30/21 17:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.2	5.1	1	07/30/21 12:08	07/30/21 17:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.2	4.7	1	07/30/21 12:08	07/30/21 17:55	96-18-4	
1,2,4-Trimethylbenzene	39.8	ug/kg	9.2	2.5	1	07/30/21 12:08	07/30/21 17:55	95-63-6	
1,3,5-Trimethylbenzene	11.8	ug/kg	9.2	3.1	1	07/30/21 12:08	07/30/21 17:55	108-67-8	
Vinyl acetate	ND	ug/kg	92.0	6.7	1	07/30/21 12:08	07/30/21 17:55	108-05-4	
Vinyl chloride	ND	ug/kg	18.4	4.7	1	07/30/21 12:08	07/30/21 17:55	75-01-4	
Xylene (Total)	124	ug/kg	18.4	5.2	1	07/30/21 12:08	07/30/21 17:55	1330-20-7	
m&p-Xylene	89.4	ug/kg	18.4	6.3	1	07/30/21 12:08	07/30/21 17:55	179601-23-1	
o-Xylene	35.0	ug/kg	9.2	4.1	1	07/30/21 12:08	07/30/21 17:55	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	07/30/21 12:08	07/30/21 17:55	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	07/30/21 12:08	07/30/21 17:55	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	07/30/21 12:08	07/30/21 17:55	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	25.1	%	0.10	0.10	1		07/29/21 18:16		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG1 (0-2) **Lab ID: 92552521007** Collected: 07/29/21 14:40 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	4.2	4.2	1	07/30/21 12:00	07/31/21 05:38		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.2	4.2	1	07/30/21 12:00	07/31/21 05:38		N2
Aromatic (C09-C10)	ND	mg/kg	4.2	4.2	1	07/30/21 12:00	07/31/21 05:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1	07/30/21 12:00	07/31/21 05:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1	07/30/21 12:00	07/31/21 05:38	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	632	ug/kg	188	60.3	1	08/02/21 10:50	08/02/21 16:54	67-64-1	
Benzene	11.6	ug/kg	9.4	3.7	1	08/02/21 10:50	08/02/21 16:54	71-43-2	
Bromobenzene	ND	ug/kg	9.4	3.1	1	08/02/21 10:50	08/02/21 16:54	108-86-1	
Bromochloromethane	ND	ug/kg	9.4	2.8	1	08/02/21 10:50	08/02/21 16:54	74-97-5	
Bromodichloromethane	ND	ug/kg	9.4	3.6	1	08/02/21 10:50	08/02/21 16:54	75-27-4	
Bromoform	ND	ug/kg	9.4	3.3	1	08/02/21 10:50	08/02/21 16:54	75-25-2	
Bromomethane	ND	ug/kg	18.8	14.8	1	08/02/21 10:50	08/02/21 16:54	74-83-9	v1
2-Butanone (MEK)	4070	ug/kg	188	45.1	1	08/02/21 10:50	08/02/21 16:54	78-93-3	
n-Butylbenzene	ND	ug/kg	9.4	4.4	1	08/02/21 10:50	08/02/21 16:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	9.4	4.1	1	08/02/21 10:50	08/02/21 16:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	9.4	3.3	1	08/02/21 10:50	08/02/21 16:54	98-06-6	
Carbon tetrachloride	ND	ug/kg	9.4	3.5	1	08/02/21 10:50	08/02/21 16:54	56-23-5	
Chlorobenzene	ND	ug/kg	9.4	1.8	1	08/02/21 10:50	08/02/21 16:54	108-90-7	
Chloroethane	ND	ug/kg	18.8	7.3	1	08/02/21 10:50	08/02/21 16:54	75-00-3	
Chloroform	ND	ug/kg	9.4	5.7	1	08/02/21 10:50	08/02/21 16:54	67-66-3	
Chloromethane	ND	ug/kg	18.8	7.9	1	08/02/21 10:50	08/02/21 16:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	9.4	3.3	1	08/02/21 10:50	08/02/21 16:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	9.4	1.7	1	08/02/21 10:50	08/02/21 16:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	9.4	3.6	1	08/02/21 10:50	08/02/21 16:54	96-12-8	
Dibromochloromethane	ND	ug/kg	9.4	5.3	1	08/02/21 10:50	08/02/21 16:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	9.4	4.1	1	08/02/21 10:50	08/02/21 16:54	106-93-4	
Dibromomethane	ND	ug/kg	9.4	2.0	1	08/02/21 10:50	08/02/21 16:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	9.4	3.4	1	08/02/21 10:50	08/02/21 16:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	9.4	2.9	1	08/02/21 10:50	08/02/21 16:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	9.4	2.4	1	08/02/21 10:50	08/02/21 16:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	18.8	4.1	1	08/02/21 10:50	08/02/21 16:54	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	9.4	3.9	1	08/02/21 10:50	08/02/21 16:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	9.4	6.2	1	08/02/21 10:50	08/02/21 16:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	9.4	3.9	1	08/02/21 10:50	08/02/21 16:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	9.4	3.2	1	08/02/21 10:50	08/02/21 16:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	9.4	3.3	1	08/02/21 10:50	08/02/21 16:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	9.4	2.8	1	08/02/21 10:50	08/02/21 16:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	9.4	2.9	1	08/02/21 10:50	08/02/21 16:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	9.4	3.1	1	08/02/21 10:50	08/02/21 16:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	9.4	4.5	1	08/02/21 10:50	08/02/21 16:54	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG1 (0-2) **Lab ID:** 92552521007 **Collected:** 07/29/21 14:40 **Received:** 07/29/21 17:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	9.4	2.6	1	08/02/21 10:50	08/02/21 16:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	9.4	3.2	1	08/02/21 10:50	08/02/21 16:54	10061-02-6	
Diisopropyl ether	ND	ug/kg	9.4	2.5	1	08/02/21 10:50	08/02/21 16:54	108-20-3	
Ethylbenzene	62.9	ug/kg	9.4	4.4	1	08/02/21 10:50	08/02/21 16:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	18.8	15.4	1	08/02/21 10:50	08/02/21 16:54	87-68-3	
2-Hexanone	ND	ug/kg	93.9	9.1	1	08/02/21 10:50	08/02/21 16:54	591-78-6	
Isopropylbenzene (Cumene)	5.9J	ug/kg	9.4	3.2	1	08/02/21 10:50	08/02/21 16:54	98-82-8	
p-Isopropyltoluene	93.2	ug/kg	9.4	4.6	1	08/02/21 10:50	08/02/21 16:54	99-87-6	
Methylene Chloride	ND	ug/kg	37.6	25.7	1	08/02/21 10:50	08/02/21 16:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	93.9	9.1	1	08/02/21 10:50	08/02/21 16:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	9.4	3.5	1	08/02/21 10:50	08/02/21 16:54	1634-04-4	
Naphthalene	19.2	ug/kg	9.4	4.9	1	08/02/21 10:50	08/02/21 16:54	91-20-3	
n-Propylbenzene	ND	ug/kg	9.4	3.3	1	08/02/21 10:50	08/02/21 16:54	103-65-1	
Styrene	ND	ug/kg	9.4	2.5	1	08/02/21 10:50	08/02/21 16:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	9.4	3.6	1	08/02/21 10:50	08/02/21 16:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	9.4	2.5	1	08/02/21 10:50	08/02/21 16:54	79-34-5	
Tetrachloroethene	ND	ug/kg	9.4	3.0	1	08/02/21 10:50	08/02/21 16:54	127-18-4	
Toluene	192	ug/kg	9.4	2.7	1	08/02/21 10:50	08/02/21 16:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	9.4	7.6	1	08/02/21 10:50	08/02/21 16:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	9.4	7.9	1	08/02/21 10:50	08/02/21 16:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	9.4	4.9	1	08/02/21 10:50	08/02/21 16:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	9.4	3.1	1	08/02/21 10:50	08/02/21 16:54	79-00-5	
Trichloroethene	ND	ug/kg	9.4	2.4	1	08/02/21 10:50	08/02/21 16:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	9.4	5.2	1	08/02/21 10:50	08/02/21 16:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	9.4	4.8	1	08/02/21 10:50	08/02/21 16:54	96-18-4	
1,2,4-Trimethylbenzene	116	ug/kg	9.4	2.6	1	08/02/21 10:50	08/02/21 16:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	9.4	3.2	1	08/02/21 10:50	08/02/21 16:54	108-67-8	
Vinyl acetate	ND	ug/kg	93.9	6.8	1	08/02/21 10:50	08/02/21 16:54	108-05-4	
Vinyl chloride	ND	ug/kg	18.8	4.8	1	08/02/21 10:50	08/02/21 16:54	75-01-4	
Xylene (Total)	342	ug/kg	18.8	5.4	1	08/02/21 10:50	08/02/21 16:54	1330-20-7	
m&p-Xylene	251	ug/kg	18.8	6.4	1	08/02/21 10:50	08/02/21 16:54	179601-23-1	
o-Xylene	91.7	ug/kg	9.4	4.2	1	08/02/21 10:50	08/02/21 16:54	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	08/02/21 10:50	08/02/21 16:54	2037-26-5	
4-Bromofluorobenzene (S)	102	%	69-134		1	08/02/21 10:50	08/02/21 16:54	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1	08/02/21 10:50	08/02/21 16:54	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	28.1	%	0.10	0.10	1		07/29/21 18:16		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG1 (2-4) **Lab ID: 92552521008** Collected: 07/29/21 14:45 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 06:06		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 06:06		N2
Aromatic (C09-C10)	ND	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 06:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	110	%	70-130		1	07/30/21 12:00	07/31/21 06:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	110	%	70-130		1	07/30/21 12:00	07/31/21 06:06	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	149	47.7	1	07/30/21 12:08	07/30/21 18:13	67-64-1	
Benzene	ND	ug/kg	7.4	3.0	1	07/30/21 12:08	07/30/21 18:13	71-43-2	
Bromobenzene	ND	ug/kg	7.4	2.4	1	07/30/21 12:08	07/30/21 18:13	108-86-1	
Bromochloromethane	ND	ug/kg	7.4	2.2	1	07/30/21 12:08	07/30/21 18:13	74-97-5	
Bromodichloromethane	ND	ug/kg	7.4	2.9	1	07/30/21 12:08	07/30/21 18:13	75-27-4	
Bromoform	ND	ug/kg	7.4	2.6	1	07/30/21 12:08	07/30/21 18:13	75-25-2	
Bromomethane	ND	ug/kg	14.9	11.7	1	07/30/21 12:08	07/30/21 18:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	149	35.7	1	07/30/21 12:08	07/30/21 18:13	78-93-3	
n-Butylbenzene	ND	ug/kg	7.4	3.5	1	07/30/21 12:08	07/30/21 18:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.4	3.3	1	07/30/21 12:08	07/30/21 18:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.4	2.6	1	07/30/21 12:08	07/30/21 18:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.4	2.8	1	07/30/21 12:08	07/30/21 18:13	56-23-5	
Chlorobenzene	ND	ug/kg	7.4	1.4	1	07/30/21 12:08	07/30/21 18:13	108-90-7	
Chloroethane	ND	ug/kg	14.9	5.7	1	07/30/21 12:08	07/30/21 18:13	75-00-3	
Chloroform	ND	ug/kg	7.4	4.5	1	07/30/21 12:08	07/30/21 18:13	67-66-3	
Chloromethane	ND	ug/kg	14.9	6.2	1	07/30/21 12:08	07/30/21 18:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.4	2.6	1	07/30/21 12:08	07/30/21 18:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.4	1.3	1	07/30/21 12:08	07/30/21 18:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.4	2.9	1	07/30/21 12:08	07/30/21 18:13	96-12-8	
Dibromochloromethane	ND	ug/kg	7.4	4.2	1	07/30/21 12:08	07/30/21 18:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.4	3.3	1	07/30/21 12:08	07/30/21 18:13	106-93-4	
Dibromomethane	ND	ug/kg	7.4	1.6	1	07/30/21 12:08	07/30/21 18:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.4	2.7	1	07/30/21 12:08	07/30/21 18:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.4	2.3	1	07/30/21 12:08	07/30/21 18:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.4	1.9	1	07/30/21 12:08	07/30/21 18:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.9	3.2	1	07/30/21 12:08	07/30/21 18:13	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.4	3.1	1	07/30/21 12:08	07/30/21 18:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.4	4.9	1	07/30/21 12:08	07/30/21 18:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.4	3.1	1	07/30/21 12:08	07/30/21 18:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.4	2.5	1	07/30/21 12:08	07/30/21 18:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.4	2.6	1	07/30/21 12:08	07/30/21 18:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.4	2.2	1	07/30/21 12:08	07/30/21 18:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.4	2.3	1	07/30/21 12:08	07/30/21 18:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.4	2.4	1	07/30/21 12:08	07/30/21 18:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.4	3.6	1	07/30/21 12:08	07/30/21 18:13	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG1 (2-4) **Lab ID:** 92552521008 **Collected:** 07/29/21 14:45 **Received:** 07/29/21 17:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	7.4	2.0	1	07/30/21 12:08	07/30/21 18:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.4	2.6	1	07/30/21 12:08	07/30/21 18:13	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.4	2.0	1	07/30/21 12:08	07/30/21 18:13	108-20-3	
Ethylbenzene	ND	ug/kg	7.4	3.5	1	07/30/21 12:08	07/30/21 18:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.9	12.2	1	07/30/21 12:08	07/30/21 18:13	87-68-3	
2-Hexanone	ND	ug/kg	74.3	7.2	1	07/30/21 12:08	07/30/21 18:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.4	2.5	1	07/30/21 12:08	07/30/21 18:13	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.4	3.7	1	07/30/21 12:08	07/30/21 18:13	99-87-6	
Methylene Chloride	ND	ug/kg	29.7	20.4	1	07/30/21 12:08	07/30/21 18:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	74.3	7.2	1	07/30/21 12:08	07/30/21 18:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.4	2.8	1	07/30/21 12:08	07/30/21 18:13	1634-04-4	
Naphthalene	ND	ug/kg	7.4	3.9	1	07/30/21 12:08	07/30/21 18:13	91-20-3	
n-Propylbenzene	ND	ug/kg	7.4	2.6	1	07/30/21 12:08	07/30/21 18:13	103-65-1	
Styrene	ND	ug/kg	7.4	2.0	1	07/30/21 12:08	07/30/21 18:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.4	2.9	1	07/30/21 12:08	07/30/21 18:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.4	2.0	1	07/30/21 12:08	07/30/21 18:13	79-34-5	
Tetrachloroethene	ND	ug/kg	7.4	2.3	1	07/30/21 12:08	07/30/21 18:13	127-18-4	
Toluene	ND	ug/kg	7.4	2.1	1	07/30/21 12:08	07/30/21 18:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.4	6.0	1	07/30/21 12:08	07/30/21 18:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.4	6.2	1	07/30/21 12:08	07/30/21 18:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.4	3.9	1	07/30/21 12:08	07/30/21 18:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.4	2.5	1	07/30/21 12:08	07/30/21 18:13	79-00-5	
Trichloroethene	ND	ug/kg	7.4	1.9	1	07/30/21 12:08	07/30/21 18:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.4	4.1	1	07/30/21 12:08	07/30/21 18:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.4	3.8	1	07/30/21 12:08	07/30/21 18:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.4	2.0	1	07/30/21 12:08	07/30/21 18:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.4	2.5	1	07/30/21 12:08	07/30/21 18:13	108-67-8	
Vinyl acetate	ND	ug/kg	74.3	5.4	1	07/30/21 12:08	07/30/21 18:13	108-05-4	
Vinyl chloride	ND	ug/kg	14.9	3.8	1	07/30/21 12:08	07/30/21 18:13	75-01-4	
Xylene (Total)	ND	ug/kg	14.9	4.2	1	07/30/21 12:08	07/30/21 18:13	1330-20-7	
m&p-Xylene	ND	ug/kg	14.9	5.1	1	07/30/21 12:08	07/30/21 18:13	179601-23-1	
o-Xylene	ND	ug/kg	7.4	3.3	1	07/30/21 12:08	07/30/21 18:13	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	07/30/21 12:08	07/30/21 18:13	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	07/30/21 12:08	07/30/21 18:13	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1	07/30/21 12:08	07/30/21 18:13	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	21.0	%	0.10	0.10	1		07/29/21 18:17		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG1 (1-16) **Lab ID: 92552521009** Collected: 07/29/21 14:50 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	151	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 06:35		N2
Aliphatic(C09-C12) Adjusted	48.2	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 06:35		N2
Aromatic (C09-C10)	17.8	mg/kg	3.8	3.8	1	07/30/21 12:00	07/31/21 06:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	108	%	70-130		1	07/30/21 12:00	07/31/21 06:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1	07/30/21 12:00	07/31/21 06:35	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	430	138	2.5	08/02/21 10:50	08/02/21 17:13	67-64-1	
Benzene	783	ug/kg	21.5	8.6	2.5	08/02/21 10:50	08/02/21 17:13	71-43-2	
Bromobenzene	ND	ug/kg	21.5	7.0	2.5	08/02/21 10:50	08/02/21 17:13	108-86-1	
Bromochloromethane	ND	ug/kg	21.5	6.4	2.5	08/02/21 10:50	08/02/21 17:13	74-97-5	
Bromodichloromethane	ND	ug/kg	21.5	8.3	2.5	08/02/21 10:50	08/02/21 17:13	75-27-4	
Bromoform	ND	ug/kg	21.5	7.6	2.5	08/02/21 10:50	08/02/21 17:13	75-25-2	
Bromomethane	ND	ug/kg	43.0	34.0	2.5	08/02/21 10:50	08/02/21 17:13	74-83-9	v1
2-Butanone (MEK)	ND	ug/kg	430	103	2.5	08/02/21 10:50	08/02/21 17:13	78-93-3	
n-Butylbenzene	602	ug/kg	21.5	10.2	2.5	08/02/21 10:50	08/02/21 17:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	21.5	9.5	2.5	08/02/21 10:50	08/02/21 17:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	21.5	7.7	2.5	08/02/21 10:50	08/02/21 17:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	21.5	8.0	2.5	08/02/21 10:50	08/02/21 17:13	56-23-5	
Chlorobenzene	ND	ug/kg	21.5	4.1	2.5	08/02/21 10:50	08/02/21 17:13	108-90-7	
Chloroethane	ND	ug/kg	43.0	16.6	2.5	08/02/21 10:50	08/02/21 17:13	75-00-3	
Chloroform	ND	ug/kg	21.5	13.1	2.5	08/02/21 10:50	08/02/21 17:13	67-66-3	
Chloromethane	ND	ug/kg	43.0	18.1	2.5	08/02/21 10:50	08/02/21 17:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	21.5	7.6	2.5	08/02/21 10:50	08/02/21 17:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	21.5	3.8	2.5	08/02/21 10:50	08/02/21 17:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	21.5	8.3	2.5	08/02/21 10:50	08/02/21 17:13	96-12-8	
Dibromochloromethane	ND	ug/kg	21.5	12.1	2.5	08/02/21 10:50	08/02/21 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	21.5	9.5	2.5	08/02/21 10:50	08/02/21 17:13	106-93-4	
Dibromomethane	ND	ug/kg	21.5	4.6	2.5	08/02/21 10:50	08/02/21 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	21.5	7.7	2.5	08/02/21 10:50	08/02/21 17:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	21.5	6.7	2.5	08/02/21 10:50	08/02/21 17:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	21.5	5.6	2.5	08/02/21 10:50	08/02/21 17:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	43.0	9.3	2.5	08/02/21 10:50	08/02/21 17:13	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	21.5	8.9	2.5	08/02/21 10:50	08/02/21 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	21.5	14.2	2.5	08/02/21 10:50	08/02/21 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	21.5	8.9	2.5	08/02/21 10:50	08/02/21 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	21.5	7.4	2.5	08/02/21 10:50	08/02/21 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	21.5	7.5	2.5	08/02/21 10:50	08/02/21 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	21.5	6.5	2.5	08/02/21 10:50	08/02/21 17:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	21.5	6.7	2.5	08/02/21 10:50	08/02/21 17:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	21.5	7.0	2.5	08/02/21 10:50	08/02/21 17:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	21.5	10.3	2.5	08/02/21 10:50	08/02/21 17:13	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AG1 (1-16) **Lab ID: 92552521009** Collected: 07/29/21 14:50 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	21.5	5.9	2.5	08/02/21 10:50	08/02/21 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	21.5	7.4	2.5	08/02/21 10:50	08/02/21 17:13	10061-02-6	
Diisopropyl ether	ND	ug/kg	21.5	5.8	2.5	08/02/21 10:50	08/02/21 17:13	108-20-3	
Ethylbenzene	5640	ug/kg	21.5	10.0	2.5	08/02/21 10:50	08/02/21 17:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	43.0	35.2	2.5	08/02/21 10:50	08/02/21 17:13	87-68-3	
2-Hexanone	ND	ug/kg	215	20.7	2.5	08/02/21 10:50	08/02/21 17:13	591-78-6	
Isopropylbenzene (Cumene)	553	ug/kg	21.5	7.3	2.5	08/02/21 10:50	08/02/21 17:13	98-82-8	
p-Isopropyltoluene	510	ug/kg	21.5	10.6	2.5	08/02/21 10:50	08/02/21 17:13	99-87-6	
Methylene Chloride	ND	ug/kg	86.1	58.9	2.5	08/02/21 10:50	08/02/21 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	215	20.7	2.5	08/02/21 10:50	08/02/21 17:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	21.5	8.0	2.5	08/02/21 10:50	08/02/21 17:13	1634-04-4	
Naphthalene	1500	ug/kg	21.5	11.3	2.5	08/02/21 10:50	08/02/21 17:13	91-20-3	
n-Propylbenzene	1800	ug/kg	21.5	7.7	2.5	08/02/21 10:50	08/02/21 17:13	103-65-1	
Styrene	270	ug/kg	21.5	5.7	2.5	08/02/21 10:50	08/02/21 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	21.5	8.3	2.5	08/02/21 10:50	08/02/21 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	21.5	5.7	2.5	08/02/21 10:50	08/02/21 17:13	79-34-5	
Tetrachloroethene	ND	ug/kg	21.5	6.8	2.5	08/02/21 10:50	08/02/21 17:13	127-18-4	
Toluene	13600	ug/kg	21.5	6.1	2.5	08/02/21 10:50	08/02/21 17:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	21.5	17.4	2.5	08/02/21 10:50	08/02/21 17:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	21.5	18.1	2.5	08/02/21 10:50	08/02/21 17:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	21.5	11.2	2.5	08/02/21 10:50	08/02/21 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	21.5	7.1	2.5	08/02/21 10:50	08/02/21 17:13	79-00-5	
Trichloroethene	ND	ug/kg	21.5	5.6	2.5	08/02/21 10:50	08/02/21 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	21.5	11.8	2.5	08/02/21 10:50	08/02/21 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	21.5	10.9	2.5	08/02/21 10:50	08/02/21 17:13	96-18-4	
1,2,4-Trimethylbenzene	10900	ug/kg	21.5	5.9	2.5	08/02/21 10:50	08/02/21 17:13	95-63-6	
1,3,5-Trimethylbenzene	3060	ug/kg	21.5	7.2	2.5	08/02/21 10:50	08/02/21 17:13	108-67-8	
Vinyl acetate	ND	ug/kg	215	15.7	2.5	08/02/21 10:50	08/02/21 17:13	108-05-4	
Vinyl chloride	ND	ug/kg	43.0	10.9	2.5	08/02/21 10:50	08/02/21 17:13	75-01-4	
Xylene (Total)	31400	ug/kg	43.0	12.3	2.5	08/02/21 10:50	08/02/21 17:13	1330-20-7	
m&p-Xylene	22900	ug/kg	43.0	14.7	2.5	08/02/21 10:50	08/02/21 17:13	179601-23-1	
o-Xylene	8560	ug/kg	21.5	9.5	2.5	08/02/21 10:50	08/02/21 17:13	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		2.5	08/02/21 10:50	08/02/21 17:13	2037-26-5	
4-Bromofluorobenzene (S)	103	%	69-134		2.5	08/02/21 10:50	08/02/21 17:13	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130		2.5	08/02/21 10:50	08/02/21 17:13	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	24.0	%	0.10	0.10	1		07/29/21 18:17		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AGA1 (0-2) **Lab ID:** 92552521010 **Collected:** 07/29/21 15:55 **Received:** 07/29/21 17:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	4.0	4.0	1	07/30/21 12:00	07/31/21 07:03		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.0	4.0	1	07/30/21 12:00	07/31/21 07:03		N2
Aromatic (C09-C10)	ND	mg/kg	4.0	4.0	1	07/30/21 12:00	07/31/21 07:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1	07/30/21 12:00	07/31/21 07:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1	07/30/21 12:00	07/31/21 07:03	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	162	51.9	1	07/30/21 12:08	07/30/21 18:32	67-64-1	
Benzene	ND	ug/kg	8.1	3.2	1	07/30/21 12:08	07/30/21 18:32	71-43-2	
Bromobenzene	ND	ug/kg	8.1	2.6	1	07/30/21 12:08	07/30/21 18:32	108-86-1	
Bromochloromethane	ND	ug/kg	8.1	2.4	1	07/30/21 12:08	07/30/21 18:32	74-97-5	
Bromodichloromethane	ND	ug/kg	8.1	3.1	1	07/30/21 12:08	07/30/21 18:32	75-27-4	
Bromoform	ND	ug/kg	8.1	2.8	1	07/30/21 12:08	07/30/21 18:32	75-25-2	
Bromomethane	ND	ug/kg	16.2	12.8	1	07/30/21 12:08	07/30/21 18:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	162	38.8	1	07/30/21 12:08	07/30/21 18:32	78-93-3	
n-Butylbenzene	ND	ug/kg	8.1	3.8	1	07/30/21 12:08	07/30/21 18:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.1	3.6	1	07/30/21 12:08	07/30/21 18:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.1	2.9	1	07/30/21 12:08	07/30/21 18:32	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.1	3.0	1	07/30/21 12:08	07/30/21 18:32	56-23-5	
Chlorobenzene	ND	ug/kg	8.1	1.6	1	07/30/21 12:08	07/30/21 18:32	108-90-7	
Chloroethane	ND	ug/kg	16.2	6.2	1	07/30/21 12:08	07/30/21 18:32	75-00-3	
Chloroform	ND	ug/kg	8.1	4.9	1	07/30/21 12:08	07/30/21 18:32	67-66-3	
Chloromethane	ND	ug/kg	16.2	6.8	1	07/30/21 12:08	07/30/21 18:32	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.1	2.9	1	07/30/21 12:08	07/30/21 18:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.1	1.4	1	07/30/21 12:08	07/30/21 18:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.1	3.1	1	07/30/21 12:08	07/30/21 18:32	96-12-8	
Dibromochloromethane	ND	ug/kg	8.1	4.5	1	07/30/21 12:08	07/30/21 18:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.1	3.6	1	07/30/21 12:08	07/30/21 18:32	106-93-4	
Dibromomethane	ND	ug/kg	8.1	1.7	1	07/30/21 12:08	07/30/21 18:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.1	2.9	1	07/30/21 12:08	07/30/21 18:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.1	2.5	1	07/30/21 12:08	07/30/21 18:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.1	2.1	1	07/30/21 12:08	07/30/21 18:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.2	3.5	1	07/30/21 12:08	07/30/21 18:32	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	8.1	3.3	1	07/30/21 12:08	07/30/21 18:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.1	5.4	1	07/30/21 12:08	07/30/21 18:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.1	3.3	1	07/30/21 12:08	07/30/21 18:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	07/30/21 12:08	07/30/21 18:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.1	2.8	1	07/30/21 12:08	07/30/21 18:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.1	2.4	1	07/30/21 12:08	07/30/21 18:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.1	2.5	1	07/30/21 12:08	07/30/21 18:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.1	2.6	1	07/30/21 12:08	07/30/21 18:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.1	3.9	1	07/30/21 12:08	07/30/21 18:32	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AGA1 (0-2) **Lab ID:** 92552521010 **Collected:** 07/29/21 15:55 **Received:** 07/29/21 17:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	8.1	2.2	1	07/30/21 12:08	07/30/21 18:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.1	2.8	1	07/30/21 12:08	07/30/21 18:32	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.1	2.2	1	07/30/21 12:08	07/30/21 18:32	108-20-3	
Ethylbenzene	ND	ug/kg	8.1	3.8	1	07/30/21 12:08	07/30/21 18:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.2	13.2	1	07/30/21 12:08	07/30/21 18:32	87-68-3	
2-Hexanone	ND	ug/kg	80.9	7.8	1	07/30/21 12:08	07/30/21 18:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.1	2.8	1	07/30/21 12:08	07/30/21 18:32	98-82-8	
p-Isopropyltoluene	72.8	ug/kg	8.1	4.0	1	07/30/21 12:08	07/30/21 18:32	99-87-6	
Methylene Chloride	ND	ug/kg	32.4	22.2	1	07/30/21 12:08	07/30/21 18:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	80.9	7.8	1	07/30/21 12:08	07/30/21 18:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.1	3.0	1	07/30/21 12:08	07/30/21 18:32	1634-04-4	
Naphthalene	ND	ug/kg	8.1	4.3	1	07/30/21 12:08	07/30/21 18:32	91-20-3	
n-Propylbenzene	ND	ug/kg	8.1	2.9	1	07/30/21 12:08	07/30/21 18:32	103-65-1	
Styrene	ND	ug/kg	8.1	2.1	1	07/30/21 12:08	07/30/21 18:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.1	3.1	1	07/30/21 12:08	07/30/21 18:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.1	2.1	1	07/30/21 12:08	07/30/21 18:32	79-34-5	
Tetrachloroethene	ND	ug/kg	8.1	2.6	1	07/30/21 12:08	07/30/21 18:32	127-18-4	
Toluene	ND	ug/kg	8.1	2.3	1	07/30/21 12:08	07/30/21 18:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.1	6.5	1	07/30/21 12:08	07/30/21 18:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.1	6.8	1	07/30/21 12:08	07/30/21 18:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.1	4.2	1	07/30/21 12:08	07/30/21 18:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.1	2.7	1	07/30/21 12:08	07/30/21 18:32	79-00-5	
Trichloroethene	ND	ug/kg	8.1	2.1	1	07/30/21 12:08	07/30/21 18:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.1	4.4	1	07/30/21 12:08	07/30/21 18:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.1	4.1	1	07/30/21 12:08	07/30/21 18:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.1	2.2	1	07/30/21 12:08	07/30/21 18:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.1	2.7	1	07/30/21 12:08	07/30/21 18:32	108-67-8	
Vinyl acetate	ND	ug/kg	80.9	5.9	1	07/30/21 12:08	07/30/21 18:32	108-05-4	
Vinyl chloride	ND	ug/kg	16.2	4.1	1	07/30/21 12:08	07/30/21 18:32	75-01-4	
Xylene (Total)	ND	ug/kg	16.2	4.6	1	07/30/21 12:08	07/30/21 18:32	1330-20-7	
m&p-Xylene	ND	ug/kg	16.2	5.5	1	07/30/21 12:08	07/30/21 18:32	179601-23-1	
o-Xylene	ND	ug/kg	8.1	3.6	1	07/30/21 12:08	07/30/21 18:32	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	07/30/21 12:08	07/30/21 18:32	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	07/30/21 12:08	07/30/21 18:32	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1	07/30/21 12:08	07/30/21 18:32	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	25.2	%	0.10	0.10	1		07/29/21 18:17		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AGA1 (2-4) **Lab ID: 92552521011** Collected: 07/29/21 16:00 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	3.4	3.4	1	07/30/21 12:00	07/31/21 07:32		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.4	3.4	1	07/30/21 12:00	07/31/21 07:32		N2
Aromatic (C09-C10)	ND	mg/kg	3.4	3.4	1	07/30/21 12:00	07/31/21 07:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1	07/30/21 12:00	07/31/21 07:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1	07/30/21 12:00	07/31/21 07:32	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	153	49.0	1	07/30/21 12:08	07/30/21 18:50	67-64-1	
Benzene	ND	ug/kg	7.6	3.0	1	07/30/21 12:08	07/30/21 18:50	71-43-2	
Bromobenzene	ND	ug/kg	7.6	2.5	1	07/30/21 12:08	07/30/21 18:50	108-86-1	
Bromochloromethane	ND	ug/kg	7.6	2.3	1	07/30/21 12:08	07/30/21 18:50	74-97-5	
Bromodichloromethane	ND	ug/kg	7.6	2.9	1	07/30/21 12:08	07/30/21 18:50	75-27-4	
Bromoform	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 18:50	75-25-2	
Bromomethane	ND	ug/kg	15.3	12.1	1	07/30/21 12:08	07/30/21 18:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	153	36.6	1	07/30/21 12:08	07/30/21 18:50	78-93-3	
n-Butylbenzene	ND	ug/kg	7.6	3.6	1	07/30/21 12:08	07/30/21 18:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.6	3.4	1	07/30/21 12:08	07/30/21 18:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 18:50	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.6	2.9	1	07/30/21 12:08	07/30/21 18:50	56-23-5	
Chlorobenzene	ND	ug/kg	7.6	1.5	1	07/30/21 12:08	07/30/21 18:50	108-90-7	
Chloroethane	ND	ug/kg	15.3	5.9	1	07/30/21 12:08	07/30/21 18:50	75-00-3	
Chloroform	ND	ug/kg	7.6	4.6	1	07/30/21 12:08	07/30/21 18:50	67-66-3	
Chloromethane	ND	ug/kg	15.3	6.4	1	07/30/21 12:08	07/30/21 18:50	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 18:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.6	1.4	1	07/30/21 12:08	07/30/21 18:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	3.0	1	07/30/21 12:08	07/30/21 18:50	96-12-8	
Dibromochloromethane	ND	ug/kg	7.6	4.3	1	07/30/21 12:08	07/30/21 18:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	3.4	1	07/30/21 12:08	07/30/21 18:50	106-93-4	
Dibromomethane	ND	ug/kg	7.6	1.6	1	07/30/21 12:08	07/30/21 18:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 18:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.6	2.4	1	07/30/21 12:08	07/30/21 18:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 18:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.3	3.3	1	07/30/21 12:08	07/30/21 18:50	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.6	3.1	1	07/30/21 12:08	07/30/21 18:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.6	5.1	1	07/30/21 12:08	07/30/21 18:50	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.6	3.1	1	07/30/21 12:08	07/30/21 18:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 18:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 18:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.6	2.3	1	07/30/21 12:08	07/30/21 18:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.6	2.4	1	07/30/21 12:08	07/30/21 18:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.6	2.5	1	07/30/21 12:08	07/30/21 18:50	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.6	3.7	1	07/30/21 12:08	07/30/21 18:50	563-58-6	

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AGA1 (2-4) **Lab ID:** 92552521011 **Collected:** 07/29/21 16:00 **Received:** 07/29/21 17:53 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	7.6	2.1	1	07/30/21 12:08	07/30/21 18:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 18:50	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.6	2.1	1	07/30/21 12:08	07/30/21 18:50	108-20-3	
Ethylbenzene	ND	ug/kg	7.6	3.6	1	07/30/21 12:08	07/30/21 18:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.3	12.5	1	07/30/21 12:08	07/30/21 18:50	87-68-3	
2-Hexanone	ND	ug/kg	76.3	7.4	1	07/30/21 12:08	07/30/21 18:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 18:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.6	3.8	1	07/30/21 12:08	07/30/21 18:50	99-87-6	
Methylene Chloride	ND	ug/kg	30.5	20.9	1	07/30/21 12:08	07/30/21 18:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	76.3	7.4	1	07/30/21 12:08	07/30/21 18:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.6	2.9	1	07/30/21 12:08	07/30/21 18:50	1634-04-4	
Naphthalene	ND	ug/kg	7.6	4.0	1	07/30/21 12:08	07/30/21 18:50	91-20-3	
n-Propylbenzene	ND	ug/kg	7.6	2.7	1	07/30/21 12:08	07/30/21 18:50	103-65-1	
Styrene	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 18:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.6	2.9	1	07/30/21 12:08	07/30/21 18:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 18:50	79-34-5	
Tetrachloroethene	ND	ug/kg	7.6	2.4	1	07/30/21 12:08	07/30/21 18:50	127-18-4	
Toluene	ND	ug/kg	7.6	2.2	1	07/30/21 12:08	07/30/21 18:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.6	6.2	1	07/30/21 12:08	07/30/21 18:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.6	6.4	1	07/30/21 12:08	07/30/21 18:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.6	4.0	1	07/30/21 12:08	07/30/21 18:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.6	2.5	1	07/30/21 12:08	07/30/21 18:50	79-00-5	
Trichloroethene	ND	ug/kg	7.6	2.0	1	07/30/21 12:08	07/30/21 18:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.6	4.2	1	07/30/21 12:08	07/30/21 18:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.6	3.9	1	07/30/21 12:08	07/30/21 18:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.6	2.1	1	07/30/21 12:08	07/30/21 18:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.6	2.6	1	07/30/21 12:08	07/30/21 18:50	108-67-8	
Vinyl acetate	ND	ug/kg	76.3	5.6	1	07/30/21 12:08	07/30/21 18:50	108-05-4	
Vinyl chloride	ND	ug/kg	15.3	3.9	1	07/30/21 12:08	07/30/21 18:50	75-01-4	
Xylene (Total)	ND	ug/kg	15.3	4.4	1	07/30/21 12:08	07/30/21 18:50	1330-20-7	
m&p-Xylene	ND	ug/kg	15.3	5.2	1	07/30/21 12:08	07/30/21 18:50	179601-23-1	
o-Xylene	ND	ug/kg	7.6	3.4	1	07/30/21 12:08	07/30/21 18:50	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	07/30/21 12:08	07/30/21 18:50	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	07/30/21 12:08	07/30/21 18:50	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	07/30/21 12:08	07/30/21 18:50	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	20.3	%	0.10	0.10	1		07/29/21 18:17		N2
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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AGA1 (16-18) **Lab ID: 92552521012** Collected: 07/29/21 16:05 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Aliphatic (C05-C08)	ND	mg/kg	3.6	3.6	1	07/30/21 12:00	07/31/21 08:00		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.6	3.6	1	07/30/21 12:00	07/31/21 08:00		N2
Aromatic (C09-C10)	ND	mg/kg	3.6	3.6	1	07/30/21 12:00	07/31/21 08:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1	07/30/21 12:00	07/31/21 08:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1	07/30/21 12:00	07/31/21 08:00	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	140	44.9	1	07/30/21 12:08	07/30/21 19:09	67-64-1	
Benzene	ND	ug/kg	7.0	2.8	1	07/30/21 12:08	07/30/21 19:09	71-43-2	
Bromobenzene	ND	ug/kg	7.0	2.3	1	07/30/21 12:08	07/30/21 19:09	108-86-1	
Bromochloromethane	ND	ug/kg	7.0	2.1	1	07/30/21 12:08	07/30/21 19:09	74-97-5	
Bromodichloromethane	ND	ug/kg	7.0	2.7	1	07/30/21 12:08	07/30/21 19:09	75-27-4	
Bromoform	ND	ug/kg	7.0	2.5	1	07/30/21 12:08	07/30/21 19:09	75-25-2	
Bromomethane	ND	ug/kg	14.0	11.1	1	07/30/21 12:08	07/30/21 19:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	140	33.6	1	07/30/21 12:08	07/30/21 19:09	78-93-3	
n-Butylbenzene	ND	ug/kg	7.0	3.3	1	07/30/21 12:08	07/30/21 19:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.0	3.1	1	07/30/21 12:08	07/30/21 19:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.0	2.5	1	07/30/21 12:08	07/30/21 19:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.0	2.6	1	07/30/21 12:08	07/30/21 19:09	56-23-5	
Chlorobenzene	ND	ug/kg	7.0	1.3	1	07/30/21 12:08	07/30/21 19:09	108-90-7	
Chloroethane	ND	ug/kg	14.0	5.4	1	07/30/21 12:08	07/30/21 19:09	75-00-3	
Chloroform	ND	ug/kg	7.0	4.3	1	07/30/21 12:08	07/30/21 19:09	67-66-3	
Chloromethane	ND	ug/kg	14.0	5.9	1	07/30/21 12:08	07/30/21 19:09	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.0	2.5	1	07/30/21 12:08	07/30/21 19:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.0	1.2	1	07/30/21 12:08	07/30/21 19:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.0	2.7	1	07/30/21 12:08	07/30/21 19:09	96-12-8	
Dibromochloromethane	ND	ug/kg	7.0	3.9	1	07/30/21 12:08	07/30/21 19:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.0	3.1	1	07/30/21 12:08	07/30/21 19:09	106-93-4	
Dibromomethane	ND	ug/kg	7.0	1.5	1	07/30/21 12:08	07/30/21 19:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.0	2.5	1	07/30/21 12:08	07/30/21 19:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.0	2.2	1	07/30/21 12:08	07/30/21 19:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.0	1.8	1	07/30/21 12:08	07/30/21 19:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	14.0	3.0	1	07/30/21 12:08	07/30/21 19:09	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	7.0	2.9	1	07/30/21 12:08	07/30/21 19:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.0	4.6	1	07/30/21 12:08	07/30/21 19:09	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.0	2.9	1	07/30/21 12:08	07/30/21 19:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.0	2.4	1	07/30/21 12:08	07/30/21 19:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.0	2.5	1	07/30/21 12:08	07/30/21 19:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.0	2.1	1	07/30/21 12:08	07/30/21 19:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.0	2.2	1	07/30/21 12:08	07/30/21 19:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.0	2.3	1	07/30/21 12:08	07/30/21 19:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	7.0	3.4	1	07/30/21 12:08	07/30/21 19:09	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Sample: AGA1 (16-18) Lab ID: 92552521012 Collected: 07/29/21 16:05 Received: 07/29/21 17:53 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
cis-1,3-Dichloropropene	ND	ug/kg	7.0	1.9	1	07/30/21 12:08	07/30/21 19:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.0	2.4	1	07/30/21 12:08	07/30/21 19:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.0	1.9	1	07/30/21 12:08	07/30/21 19:09	108-20-3	
Ethylbenzene	ND	ug/kg	7.0	3.3	1	07/30/21 12:08	07/30/21 19:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	14.0	11.5	1	07/30/21 12:08	07/30/21 19:09	87-68-3	
2-Hexanone	ND	ug/kg	70.0	6.7	1	07/30/21 12:08	07/30/21 19:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.0	2.4	1	07/30/21 12:08	07/30/21 19:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.0	3.4	1	07/30/21 12:08	07/30/21 19:09	99-87-6	
Methylene Chloride	ND	ug/kg	28.0	19.2	1	07/30/21 12:08	07/30/21 19:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	70.0	6.7	1	07/30/21 12:08	07/30/21 19:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.0	2.6	1	07/30/21 12:08	07/30/21 19:09	1634-04-4	
Naphthalene	ND	ug/kg	7.0	3.7	1	07/30/21 12:08	07/30/21 19:09	91-20-3	
n-Propylbenzene	ND	ug/kg	7.0	2.5	1	07/30/21 12:08	07/30/21 19:09	103-65-1	
Styrene	ND	ug/kg	7.0	1.8	1	07/30/21 12:08	07/30/21 19:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.0	2.7	1	07/30/21 12:08	07/30/21 19:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.0	1.8	1	07/30/21 12:08	07/30/21 19:09	79-34-5	
Tetrachloroethene	ND	ug/kg	7.0	2.2	1	07/30/21 12:08	07/30/21 19:09	127-18-4	
Toluene	ND	ug/kg	7.0	2.0	1	07/30/21 12:08	07/30/21 19:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.0	5.7	1	07/30/21 12:08	07/30/21 19:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.0	5.9	1	07/30/21 12:08	07/30/21 19:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.0	3.6	1	07/30/21 12:08	07/30/21 19:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.0	2.3	1	07/30/21 12:08	07/30/21 19:09	79-00-5	
Trichloroethene	ND	ug/kg	7.0	1.8	1	07/30/21 12:08	07/30/21 19:09	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.0	3.9	1	07/30/21 12:08	07/30/21 19:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.0	3.5	1	07/30/21 12:08	07/30/21 19:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	7.0	1.9	1	07/30/21 12:08	07/30/21 19:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	7.0	2.4	1	07/30/21 12:08	07/30/21 19:09	108-67-8	
Vinyl acetate	ND	ug/kg	70.0	5.1	1	07/30/21 12:08	07/30/21 19:09	108-05-4	
Vinyl chloride	ND	ug/kg	14.0	3.6	1	07/30/21 12:08	07/30/21 19:09	75-01-4	
Xylene (Total)	ND	ug/kg	14.0	4.0	1	07/30/21 12:08	07/30/21 19:09	1330-20-7	
m&p-Xylene	ND	ug/kg	14.0	4.8	1	07/30/21 12:08	07/30/21 19:09	179601-23-1	
o-Xylene	ND	ug/kg	7.0	3.1	1	07/30/21 12:08	07/30/21 19:09	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1	07/30/21 12:08	07/30/21 19:09	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	07/30/21 12:08	07/30/21 19:09	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	07/30/21 12:08	07/30/21 19:09	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	22.6	%	0.10	0.10	1		07/29/21 18:17		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

QC Batch:	637085	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92552521001, 92552521002, 92552521004, 92552521005, 92552521006, 92552521007, 92552521008, 92552521009, 92552521010, 92552521011, 92552521012		

METHOD BLANK: 3345015

Matrix: Solid

Associated Lab Samples: 92552521001, 92552521002, 92552521004, 92552521005, 92552521006, 92552521007, 92552521008, 92552521009, 92552521010, 92552521011, 92552521012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	07/30/21 13:27	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	07/30/21 13:27	N2
4-Bromofluorobenzene (FID) (S)	%	91	70-130		07/30/21 13:27	
4-Bromofluorobenzene (PID) (S)	%	94	70-130		07/30/21 13:27	

LABORATORY CONTROL SAMPLE & LCSD: 3345016

3345017

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	14.5	12.5	97	83	70-130	15	25	N2
Aromatic (C09-C10)	mg/kg	5	5.8	5.0	117	100	70-130	15	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				97	100	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

QC Batch:	637535	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92552521003

METHOD BLANK: 3346920 Matrix: Solid

Associated Lab Samples: 92552521003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	08/02/21 14:53	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	08/02/21 14:53	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		08/02/21 14:53	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		08/02/21 14:53	

LABORATORY CONTROL SAMPLE & LCSD: 3346921

3346922

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	18.5	16.2	124	108	70-130	14	25	N2
Aromatic (C09-C10)	mg/kg	5	5.7	5.4	114	107	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	102	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

QC Batch:	637095	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92552521001, 92552521002, 92552521003, 92552521004, 92552521005, 92552521006, 92552521008, 92552521010, 92552521011, 92552521012		

METHOD BLANK: 3345056

Matrix: Solid

Associated Lab Samples: 92552521001, 92552521002, 92552521003, 92552521004, 92552521005, 92552521006, 92552521008, 92552521010, 92552521011, 92552521012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	07/30/21 12:59	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	07/30/21 12:59	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	07/30/21 12:59	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	07/30/21 12:59	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	07/30/21 12:59	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	07/30/21 12:59	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	07/30/21 12:59	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	07/30/21 12:59	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	07/30/21 12:59	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	07/30/21 12:59	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	07/30/21 12:59	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	07/30/21 12:59	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	07/30/21 12:59	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	07/30/21 12:59	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	07/30/21 12:59	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	07/30/21 12:59	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	07/30/21 12:59	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	07/30/21 12:59	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	07/30/21 12:59	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	07/30/21 12:59	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	07/30/21 12:59	
2-Butanone (MEK)	ug/kg	ND	100	24.0	07/30/21 12:59	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	07/30/21 12:59	
2-Hexanone	ug/kg	ND	50.0	4.8	07/30/21 12:59	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	07/30/21 12:59	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	07/30/21 12:59	
Acetone	ug/kg	ND	100	32.1	07/30/21 12:59	
Benzene	ug/kg	ND	5.0	2.0	07/30/21 12:59	
Bromobenzene	ug/kg	ND	5.0	1.6	07/30/21 12:59	
Bromochloromethane	ug/kg	ND	5.0	1.5	07/30/21 12:59	
Bromodichloromethane	ug/kg	ND	5.0	1.9	07/30/21 12:59	
Bromoform	ug/kg	ND	5.0	1.8	07/30/21 12:59	
Bromomethane	ug/kg	ND	10.0	7.9	07/30/21 12:59	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	07/30/21 12:59	
Chlorobenzene	ug/kg	ND	5.0	0.96	07/30/21 12:59	
Chloroethane	ug/kg	ND	10.0	3.9	07/30/21 12:59	
Chloroform	ug/kg	ND	5.0	3.0	07/30/21 12:59	
Chloromethane	ug/kg	ND	10.0	4.2	07/30/21 12:59	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	07/30/21 12:59	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

METHOD BLANK: 3345056

Matrix: Solid

Associated Lab Samples: 92552521001, 92552521002, 92552521003, 92552521004, 92552521005, 92552521006, 92552521008, 92552521010, 92552521011, 92552521012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	07/30/21 12:59	
Dibromochloromethane	ug/kg	ND	5.0	2.8	07/30/21 12:59	
Dibromomethane	ug/kg	ND	5.0	1.1	07/30/21 12:59	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	07/30/21 12:59	v1
Diisopropyl ether	ug/kg	ND	5.0	1.4	07/30/21 12:59	
Ethylbenzene	ug/kg	ND	5.0	2.3	07/30/21 12:59	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	07/30/21 12:59	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	07/30/21 12:59	
m&p-Xylene	ug/kg	ND	10.0	3.4	07/30/21 12:59	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	07/30/21 12:59	
Methylene Chloride	ug/kg	ND	20.0	13.7	07/30/21 12:59	
n-Butylbenzene	ug/kg	ND	5.0	2.4	07/30/21 12:59	
n-Propylbenzene	ug/kg	ND	5.0	1.8	07/30/21 12:59	
Naphthalene	ug/kg	ND	5.0	2.6	07/30/21 12:59	
o-Xylene	ug/kg	ND	5.0	2.2	07/30/21 12:59	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	07/30/21 12:59	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	07/30/21 12:59	
Styrene	ug/kg	ND	5.0	1.3	07/30/21 12:59	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	07/30/21 12:59	
Tetrachloroethene	ug/kg	ND	5.0	1.6	07/30/21 12:59	
Toluene	ug/kg	ND	5.0	1.4	07/30/21 12:59	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	07/30/21 12:59	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	07/30/21 12:59	
Trichloroethene	ug/kg	ND	5.0	1.3	07/30/21 12:59	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	07/30/21 12:59	
Vinyl acetate	ug/kg	ND	50.0	3.6	07/30/21 12:59	
Vinyl chloride	ug/kg	ND	10.0	2.5	07/30/21 12:59	
Xylene (Total)	ug/kg	ND	10.0	2.8	07/30/21 12:59	
1,2-Dichloroethane-d4 (S)	%	114	70-130		07/30/21 12:59	
4-Bromofluorobenzene (S)	%	101	69-134		07/30/21 12:59	
Toluene-d8 (S)	%	102	70-130		07/30/21 12:59	

LABORATORY CONTROL SAMPLE: 3345057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1170	93	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1240	99	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1120	90	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1170	94	70-130	
1,1-Dichloroethane	ug/kg	1250	1260	101	70-130	
1,1-Dichloroethene	ug/kg	1250	1340	108	70-130	
1,1-Dichloropropene	ug/kg	1250	1310	104	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1150	92	65-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

LABORATORY CONTROL SAMPLE: 3345057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/kg	1250	1130	90	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1150	92	68-130	
1,2,4-Trimethylbenzene	ug/kg	1250	1210	97	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1130	91	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1120	89	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1130	90	70-130	
1,2-Dichloroethane	ug/kg	1250	1150	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1230	98	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1270	102	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,3-Dichloropropane	ug/kg	1250	1130	91	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1140	91	70-130	
2,2-Dichloropropane	ug/kg	1250	1250	100	66-130	
2-Butanone (MEK)	ug/kg	2500	2500	100	70-130	
2-Chlorotoluene	ug/kg	1250	1290	103	70-130	
2-Hexanone	ug/kg	2500	2400	96	70-130	
4-Chlorotoluene	ug/kg	1250	1170	94	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2400	96	70-130	
Acetone	ug/kg	2500	2550	102	69-130	
Benzene	ug/kg	1250	1200	96	70-130	
Bromobenzene	ug/kg	1250	1150	92	70-130	
Bromochloromethane	ug/kg	1250	1180	95	70-130	
Bromodichloromethane	ug/kg	1250	1200	96	69-130	
Bromoform	ug/kg	1250	1160	93	70-130	
Bromomethane	ug/kg	1250	1440	115	52-130	
Carbon tetrachloride	ug/kg	1250	1330	106	70-130	
Chlorobenzene	ug/kg	1250	1150	92	70-130	
Chloroethane	ug/kg	1250	1410	113	65-130	
Chloroform	ug/kg	1250	1270	101	70-130	
Chloromethane	ug/kg	1250	1210	97	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1240	99	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1200	96	70-130	
Dibromochloromethane	ug/kg	1250	1170	94	70-130	
Dibromomethane	ug/kg	1250	1120	90	70-130	
Dichlorodifluoromethane	ug/kg	1250	1510	121	45-156 v1	
Diisopropyl ether	ug/kg	1250	1190	95	70-130	
Ethylbenzene	ug/kg	1250	1240	99	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1220	98	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1310	105	70-130	
m&p-Xylene	ug/kg	2500	2510	100	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1130	90	70-130	
Methylene Chloride	ug/kg	1250	1300	104	65-130	
n-Butylbenzene	ug/kg	1250	1300	104	67-130	
n-Propylbenzene	ug/kg	1250	1280	103	70-130	
Naphthalene	ug/kg	1250	1130	90	70-130	
o-Xylene	ug/kg	1250	1130	90	70-130	
p-Isopropyltoluene	ug/kg	1250	1310	105	67-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92552521

LABORATORY CONTROL SAMPLE: 3345057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/kg	1250	1310	105	69-130	
Styrene	ug/kg	1250	1240	99	70-130	
tert-Butylbenzene	ug/kg	1250	1230	98	67-130	
Tetrachloroethene	ug/kg	1250	1180	94	70-130	
Toluene	ug/kg	1250	1110	89	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	103	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1180	94	68-130	
Trichloroethene	ug/kg	1250	1190	95	70-130	
Trichlorofluoromethane	ug/kg	1250	1260	101	70-130	
Vinyl acetate	ug/kg	2500	2570	103	70-130	
Vinyl chloride	ug/kg	1250	1350	108	61-130	
Xylene (Total)	ug/kg	3750	3640	97	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			100	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3345058 3345059

Parameter	Units	92552232003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	78700	78700	77500	86300	98	110	70-131	11	30	
1,1,1-Trichloroethane	ug/kg	ND	78700	78700	86500	95400	110	121	65-133	10	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	78700	78700	73600	83800	94	106	66-130	13	30	
1,1,2-Trichloroethane	ug/kg	ND	78700	78700	77900	87000	99	111	66-133	11	30	
1,1-Dichloroethane	ug/kg	ND	78700	78700	86500	94500	110	120	65-130	9	30	
1,1-Dichloroethene	ug/kg	ND	78700	78700	97200	104000	123	132	10-158	7	30	
1,1-Dichloropropene	ug/kg	ND	78700	78700	91700	100000	117	128	68-133	9	30	
1,2,3-Trichlorobenzene	ug/kg	ND	78700	78700	74400	81300	94	103	27-138	9	30	
1,2,3-Trichloropropane	ug/kg	ND	78700	78700	71100	83700	90	106	67-130	16	30	
1,2,4-Trichlorobenzene	ug/kg	ND	78700	78700	76000	82800	97	105	51-134	9	30	
1,2,4-Trimethylbenzene	ug/kg	158000	78700	78700	300000	247000	180	113	63-136	20	30	M1
1,2-Dibromo-3-chloropropane	ug/kg	ND	78700	78700	74400	81800	94	104	32-130	10	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	78700	78700	72000	81200	91	103	70-130	12	30	
1,2-Dichlorobenzene	ug/kg	ND	78700	78700	74700	80600	95	102	69-130	8	30	
1,2-Dichloroethane	ug/kg	ND	78700	78700	76700	85600	97	109	59-130	11	30	
1,2-Dichloropropane	ug/kg	ND	78700	78700	82700	89800	105	114	70-130	8	30	
1,3,5-Trimethylbenzene	ug/kg	46800	78700	78700	149000	139000	130	117	65-137	7	30	
1,3-Dichlorobenzene	ug/kg	ND	78700	78700	77500	82400	98	105	70-130	6	30	
1,3-Dichloropropane	ug/kg	ND	78700	78700	73100	81700	93	104	70-130	11	30	
1,4-Dichlorobenzene	ug/kg	ND	78700	78700	75900	81800	96	104	68-130	7	30	
2,2-Dichloropropane	ug/kg	ND	78700	78700	87900	96100	112	122	32-130	9	30	
2-Butanone (MEK)	ug/kg	ND	158000	158000	175000	196000	111	125	10-136	11	30	
2-Chlorotoluene	ug/kg	ND	78700	78700	91000	94600	116	120	69-141	4	30	
2-Hexanone	ug/kg	ND	158000	158000	153000	182000	97	115	10-144	17	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3345058 3345059											
Parameter	Units	92552232003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
4-Chlorotoluene	ug/kg	ND	78700	78700	79400	84900	101	108	70-132	7	30
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	158000	158000	158000	177000	100	113	25-143	11	30
Acetone	ug/kg	ND	158000	158000	161000	184000	102	117	10-130	13	30
Benzene	ug/kg	34800	78700	78700	127000	123000	117	112	67-130	4	30
Bromobenzene	ug/kg	ND	78700	78700	75800	80600	96	102	70-130	6	30
Bromochloromethane	ug/kg	ND	78700	78700	79100	85300	100	108	69-134	8	30
Bromodichloromethane	ug/kg	ND	78700	78700	81100	87600	103	111	64-130	8	30
Bromoform	ug/kg	ND	78700	78700	72200	82000	92	104	62-130	13	30
Bromomethane	ug/kg	ND	78700	78700	114000	115000	144	146	20-176	1	30
Carbon tetrachloride	ug/kg	ND	78700	78700	90200	95500	115	121	65-140	6	30
Chlorobenzene	ug/kg	ND	78700	78700	77900	84700	99	108	70-130	8	30
Chloroethane	ug/kg	ND	78700	78700	101000	108000	128	137	10-130	7	30 M1
Chloroform	ug/kg	ND	78700	78700	88300	95100	112	120	63-130	7	30
Chloromethane	ug/kg	ND	78700	78700	88800	95200	113	121	58-130	7	30
cis-1,2-Dichloroethene	ug/kg	ND	78700	78700	83500	91200	106	116	66-130	9	30
cis-1,3-Dichloropropene	ug/kg	ND	78700	78700	77100	83900	98	107	67-130	8	30
Dibromochloromethane	ug/kg	ND	78700	78700	75700	84600	96	107	67-130	11	30
Dibromomethane	ug/kg	ND	78700	78700	71900	79700	91	101	63-131	10	30
Dichlorodifluoromethane	ug/kg	ND	78700	78700	111000	118000	140	150	44-180	7	30 v1
Diisopropyl ether	ug/kg	1540	78700	78700	82000	88300	102	110	63-130	7	30
Ethylbenzene	ug/kg	90900	78700	78700	207000	184000	148	118	66-130	12	30 M1
Hexachloro-1,3-butadiene	ug/kg	ND	78700	78700	86800	93600	110	119	64-150	8	30
Isopropylbenzene (Cumene)	ug/kg	7350	78700	78700	98400	106000	116	125	69-135	8	30
m&p-Xylene	ug/kg	352000	158000	158000	631000	545000	178	123	60-133	15	30 M1
Methyl-tert-butyl ether	ug/kg	ND	78700	78700	73300	81900	93	104	65-130	11	30
Methylene Chloride	ug/kg	ND	78700	78700	87800	96300	111	122	61-130	9	30
n-Butylbenzene	ug/kg	7130	78700	78700	107000	105000	127	125	65-140	1	30
n-Propylbenzene	ug/kg	27800	78700	78700	122000	115000	119	111	67-140	6	30
Naphthalene	ug/kg	19400	78700	78700	101000	101000	104	104	15-145	0	30
o-Xylene	ug/kg	123000	78700	78700	241000	208000	149	108	66-133	15	30 M1
p-Isopropyltoluene	ug/kg	ND	78700	78700	97500	101000	124	128	56-147	3	30
sec-Butylbenzene	ug/kg	ND	78700	78700	92300	98300	117	125	65-139	6	30
Styrene	ug/kg	3980	78700	78700	86700	93100	105	113	70-132	7	30
tert-Butylbenzene	ug/kg	ND	78700	78700	82500	93300	105	118	62-135	12	30
Tetrachloroethene	ug/kg	ND	78700	78700	80900	88900	103	113	70-135	9	30
Toluene	ug/kg	346000	78700	78700	535000	429000	240	105	67-130	22	30 M1
trans-1,2-Dichloroethene	ug/kg	ND	78700	78700	88500	96300	112	122	69-130	8	30
trans-1,3-Dichloropropene	ug/kg	ND	78700	78700	74800	83800	95	106	62-130	11	30
Trichloroethene	ug/kg	ND	78700	78700	80600	87000	102	111	70-135	8	30
Trichlorofluoromethane	ug/kg	ND	78700	78700	91300	98000	116	124	10-130	7	30
Vinyl acetate	ug/kg	ND	158000	158000	167000	187000	106	119	53-130	11	30
Vinyl chloride	ug/kg	ND	78700	78700	95100	104000	121	132	61-148	9	30
Xylene (Total)	ug/kg	475000	236000	236000	872000	753000	168	118	63-132	15	30 MS
1,2-Dichloroethane-d4 (S)	%						106	107	70-130		

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3345058 3345059												
		92552232003	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits		Max RPD	Qual
Parameter	Units	Result								RPD		
4-Bromofluorobenzene (S)	%						99	103	69-134			
Toluene-d8 (S)	%						100	100	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

QC Batch: 637125

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92552521007, 92552521009

METHOD BLANK: 3345243

Matrix: Solid

Associated Lab Samples: 92552521007, 92552521009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	08/02/21 12:36	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	08/02/21 12:36	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	08/02/21 12:36	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	08/02/21 12:36	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	08/02/21 12:36	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	08/02/21 12:36	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	08/02/21 12:36	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	08/02/21 12:36	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	08/02/21 12:36	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	08/02/21 12:36	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	08/02/21 12:36	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	08/02/21 12:36	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	08/02/21 12:36	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	08/02/21 12:36	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	08/02/21 12:36	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	08/02/21 12:36	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	08/02/21 12:36	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	08/02/21 12:36	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	08/02/21 12:36	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	08/02/21 12:36	
2-Butanone (MEK)	ug/kg	ND	100	24.0	08/02/21 12:36	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
2-Hexanone	ug/kg	ND	50.0	4.8	08/02/21 12:36	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	08/02/21 12:36	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	08/02/21 12:36	
Acetone	ug/kg	ND	100	32.1	08/02/21 12:36	
Benzene	ug/kg	ND	5.0	2.0	08/02/21 12:36	
Bromobenzene	ug/kg	ND	5.0	1.6	08/02/21 12:36	
Bromochloromethane	ug/kg	ND	5.0	1.5	08/02/21 12:36	
Bromodichloromethane	ug/kg	ND	5.0	1.9	08/02/21 12:36	
Bromoform	ug/kg	ND	5.0	1.8	08/02/21 12:36	
Bromomethane	ug/kg	ND	10.0	7.9	08/02/21 12:36	v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	08/02/21 12:36	
Chlorobenzene	ug/kg	ND	5.0	0.96	08/02/21 12:36	
Chloroethane	ug/kg	ND	10.0	3.9	08/02/21 12:36	
Chloroform	ug/kg	ND	5.0	3.0	08/02/21 12:36	
Chloromethane	ug/kg	ND	10.0	4.2	08/02/21 12:36	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	08/02/21 12:36	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	08/02/21 12:36	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

METHOD BLANK: 3345243

Matrix: Solid

Associated Lab Samples: 92552521007, 92552521009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	08/02/21 12:36	
Dibromomethane	ug/kg	ND	5.0	1.1	08/02/21 12:36	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	08/02/21 12:36	v1
Diisopropyl ether	ug/kg	ND	5.0	1.4	08/02/21 12:36	
Ethylbenzene	ug/kg	ND	5.0	2.3	08/02/21 12:36	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	08/02/21 12:36	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	08/02/21 12:36	
m&p-Xylene	ug/kg	ND	10.0	3.4	08/02/21 12:36	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	08/02/21 12:36	
Methylene Chloride	ug/kg	ND	20.0	13.7	08/02/21 12:36	
n-Butylbenzene	ug/kg	ND	5.0	2.4	08/02/21 12:36	
n-Propylbenzene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
Naphthalene	ug/kg	ND	5.0	2.6	08/02/21 12:36	
o-Xylene	ug/kg	ND	5.0	2.2	08/02/21 12:36	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	08/02/21 12:36	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	08/02/21 12:36	
Styrene	ug/kg	ND	5.0	1.3	08/02/21 12:36	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
Tetrachloroethene	ug/kg	ND	5.0	1.6	08/02/21 12:36	
Toluene	ug/kg	ND	5.0	1.4	08/02/21 12:36	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	08/02/21 12:36	
Trichloroethene	ug/kg	ND	5.0	1.3	08/02/21 12:36	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	08/02/21 12:36	
Vinyl acetate	ug/kg	ND	50.0	3.6	08/02/21 12:36	
Vinyl chloride	ug/kg	ND	10.0	2.5	08/02/21 12:36	
Xylene (Total)	ug/kg	ND	10.0	2.8	08/02/21 12:36	
1,2-Dichloroethane-d4 (S)	%	116	70-130		08/02/21 12:36	
4-Bromofluorobenzene (S)	%	100	69-134		08/02/21 12:36	
Toluene-d8 (S)	%	102	70-130		08/02/21 12:36	

LABORATORY CONTROL SAMPLE: 3345244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1060	85	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1190	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	995	80	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1100	88	70-130	
1,1-Dichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1280	102	70-130	
1,1-Dichloropropene	ug/kg	1250	1260	101	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	992	79	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1030	82	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1020	81	68-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

LABORATORY CONTROL SAMPLE: 3345244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1060	85	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	988	79	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1010	81	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1040	83	70-130	
1,2-Dichloroethane	ug/kg	1250	1110	89	63-130	
1,2-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1100	88	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1050	84	70-130	
1,3-Dichloropropane	ug/kg	1250	1040	83	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1050	84	70-130	
2,2-Dichloropropane	ug/kg	1250	1190	95	66-130	
2-Butanone (MEK)	ug/kg	2500	2380	95	70-130	
2-Chlorotoluene	ug/kg	1250	1150	92	70-130	
2-Hexanone	ug/kg	2500	2180	87	70-130	
4-Chlorotoluene	ug/kg	1250	1080	87	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2230	89	70-130	
Acetone	ug/kg	2500	2360	94	69-130	
Benzene	ug/kg	1250	1130	90	70-130	
Bromobenzene	ug/kg	1250	1020	81	70-130	
Bromochloromethane	ug/kg	1250	1130	91	70-130	
Bromodichloromethane	ug/kg	1250	1030	82	69-130	
Bromoform	ug/kg	1250	1060	85	70-130	
Bromomethane	ug/kg	1250	1380	110	52-130 v1	
Carbon tetrachloride	ug/kg	1250	1180	95	70-130	
Chlorobenzene	ug/kg	1250	1040	84	70-130	
Chloroethane	ug/kg	1250	1200	96	65-130	
Chloroform	ug/kg	1250	1190	96	70-130	
Chloromethane	ug/kg	1250	1090	87	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1160	93	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1120	90	70-130	
Dibromochloromethane	ug/kg	1250	1090	87	70-130	
Dibromomethane	ug/kg	1250	1040	83	70-130	
Dichlorodifluoromethane	ug/kg	1250	1450	116	45-156 v1	
Diisopropyl ether	ug/kg	1250	1160	93	70-130	
Ethylbenzene	ug/kg	1250	1100	88	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1040	83	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1150	92	70-130	
m&p-Xylene	ug/kg	2500	2230	89	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1090	87	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1130	90	67-130	
n-Propylbenzene	ug/kg	1250	1130	90	70-130	
Naphthalene	ug/kg	1250	1000	80	70-130	
o-Xylene	ug/kg	1250	1000	80	70-130	
p-Isopropyltoluene	ug/kg	1250	1150	92	67-130	
sec-Butylbenzene	ug/kg	1250	1150	92	69-130	
Styrene	ug/kg	1250	1090	88	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

LABORATORY CONTROL SAMPLE: 3345244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1080	86	67-130	
Tetrachloroethene	ug/kg	1250	1050	84	70-130	
Toluene	ug/kg	1250	1030	83	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1210	97	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1110	89	68-130	
Trichloroethene	ug/kg	1250	1090	88	70-130	
Trichlorofluoromethane	ug/kg	1250	1170	94	70-130	
Vinyl acetate	ug/kg	2500	2510	100	70-130	
Vinyl chloride	ug/kg	1250	1190	96	61-130	
Xylene (Total)	ug/kg	3750	3230	86	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			98	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3345246

Parameter	Units	92552501003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	677	675	100	70-131	
1,1,1-Trichloroethane	ug/kg	ND	677	775	114	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	677	642	95	66-130	
1,1,2-Trichloroethane	ug/kg	ND	677	679	100	66-133	
1,1-Dichloroethane	ug/kg	ND	677	791	117	65-130	
1,1-Dichloroethene	ug/kg	ND	677	910	134	10-158	
1,1-Dichloropropene	ug/kg	ND	677	861	127	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	677	679	100	27-138	
1,2,3-Trichloropropane	ug/kg	ND	677	643	95	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	677	691	102	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	677	713	105	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	677	586	87	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	677	628	93	70-130	
1,2-Dichlorobenzene	ug/kg	ND	677	701	104	69-130	
1,2-Dichloroethane	ug/kg	ND	677	699	103	59-130	
1,2-Dichloropropane	ug/kg	ND	677	738	109	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	677	735	109	65-137	
1,3-Dichlorobenzene	ug/kg	ND	677	698	103	70-130	
1,3-Dichloropropane	ug/kg	ND	677	675	100	70-130	
1,4-Dichlorobenzene	ug/kg	ND	677	673	99	68-130	
2,2-Dichloropropane	ug/kg	ND	677	708	105	32-130	
2-Butanone (MEK)	ug/kg	ND	1350	1410	104	10-136	
2-Chlorotoluene	ug/kg	ND	677	765	113	69-141	
2-Hexanone	ug/kg	ND	1350	1290	95	10-144	
4-Chlorotoluene	ug/kg	ND	677	719	106	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1350	1330	98	25-143	
Acetone	ug/kg	ND	1350	1240	92	10-130	
Benzene	ug/kg	ND	677	748	110	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

MATRIX SPIKE SAMPLE:		3345246	92552501003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
Bromobenzene	ug/kg	ND	677	648	96	70-130		
Bromochloromethane	ug/kg	ND	677	675	100	69-134		
Bromodichloromethane	ug/kg	ND	677	622	92	64-130		
Bromoform	ug/kg	ND	677	593	88	62-130		
Bromomethane	ug/kg	ND	677	531	78	20-176	v1	
Carbon tetrachloride	ug/kg	ND	677	746	110	65-140		
Chlorobenzene	ug/kg	ND	677	698	103	70-130		
Chloroethane	ug/kg	ND	677	250	37	10-130		
Chloroform	ug/kg	ND	677	753	111	63-130		
Chloromethane	ug/kg	ND	677	830	122	58-130		
cis-1,2-Dichloroethene	ug/kg	ND	677	757	112	66-130		
cis-1,3-Dichloropropene	ug/kg	ND	677	680	100	67-130		
Dibromochloromethane	ug/kg	ND	677	630	93	67-130		
Dibromomethane	ug/kg	ND	677	635	94	63-131		
Dichlorodifluoromethane	ug/kg	ND	677	1050	155	44-180	v1	
Diisopropyl ether	ug/kg	ND	677	735	109	63-130		
Ethylbenzene	ug/kg	ND	677	764	113	66-130		
Hexachloro-1,3-butadiene	ug/kg	ND	677	771	114	64-150		
Isopropylbenzene (Cumene)	ug/kg	ND	677	800	118	69-135		
m&p-Xylene	ug/kg	ND	1350	1530	113	60-133		
Methyl-tert-butyl ether	ug/kg	ND	677	654	97	65-130		
Methylene Chloride	ug/kg	ND	677	780	115	61-130		
n-Butylbenzene	ug/kg	ND	677	787	116	65-140		
n-Propylbenzene	ug/kg	ND	677	770	114	67-140		
Naphthalene	ug/kg	ND	677	642	95	15-145		
o-Xylene	ug/kg	ND	677	675	100	66-133		
p-Isopropyltoluene	ug/kg	ND	677	789	116	56-147		
sec-Butylbenzene	ug/kg	ND	677	803	119	65-139		
Styrene	ug/kg	ND	677	693	102	70-132		
tert-Butylbenzene	ug/kg	ND	677	748	110	62-135		
Tetrachloroethene	ug/kg	ND	677	739	109	70-135		
Toluene	ug/kg	5.2J	677	701	103	67-130		
trans-1,2-Dichloroethene	ug/kg	ND	677	799	118	69-130		
trans-1,3-Dichloropropene	ug/kg	ND	677	658	97	62-130		
Trichloroethene	ug/kg	ND	677	726	107	70-135		
Trichlorofluoromethane	ug/kg	ND	677	245	36	10-130		
Vinyl acetate	ug/kg	ND	1350	1500	111	53-130		
Vinyl chloride	ug/kg	ND	677	879	130	61-148		
Xylene (Total)	ug/kg	ND	2030	2210	109	63-132		
1,2-Dichloroethane-d4 (S)	%				106	70-130		
4-Bromofluorobenzene (S)	%				100	69-134		
Toluene-d8 (S)	%				101	70-130		

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

SAMPLE DUPLICATE: 3345245

Parameter	Units	92552501002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30 v1	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30 v1	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

SAMPLE DUPLICATE: 3345245

Parameter	Units	92552501002 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	6.9	7.3	7	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	107			
4-Bromofluorobenzene (S)	%	100	101			
Toluene-d8 (S)	%	102	103			

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

QC Batch:	636921	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92552521001, 92552521002, 92552521003, 92552521004, 92552521005, 92552521006, 92552521007, 92552521008, 92552521009, 92552521010, 92552521011, 92552521012		

SAMPLE DUPLICATE: 3344356

Parameter	Units	92552501011 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	33.9	34.3	1	25	N2

SAMPLE DUPLICATE: 3344373

Parameter	Units	92552521012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.6	22.9	1	25	N2

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QUALIFIERS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| MS | Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| v1 | The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias. |

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92552521

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92552521001	AG3 (0-2)	MADEP VPH	637085	MADEP VPH	637115
92552521002	AG3 (6-8)	MADEP VPH	637085	MADEP VPH	637115
92552521003	AG3 (22-24)	MADEP VPH	637535	MADEP VPH	637547
92552521004	AG2 (0-2)	MADEP VPH	637085	MADEP VPH	637115
92552521005	AG2 (10-12)	MADEP VPH	637085	MADEP VPH	637115
92552521006	AG2 (22-24)	MADEP VPH	637085	MADEP VPH	637115
92552521007	AG1 (0-2)	MADEP VPH	637085	MADEP VPH	637115
92552521008	AG1 (2-4)	MADEP VPH	637085	MADEP VPH	637115
92552521009	AG1 (1-16)	MADEP VPH	637085	MADEP VPH	637115
92552521010	AGA1 (0-2)	MADEP VPH	637085	MADEP VPH	637115
92552521011	AGA1 (2-4)	MADEP VPH	637085	MADEP VPH	637115
92552521012	AGA1 (16-18)	MADEP VPH	637085	MADEP VPH	637115
92552521001	AG3 (0-2)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521002	AG3 (6-8)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521003	AG3 (22-24)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521004	AG2 (0-2)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521005	AG2 (10-12)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521006	AG2 (22-24)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521007	AG1 (0-2)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552521008	AG1 (2-4)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521009	AG1 (1-16)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552521010	AGA1 (0-2)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521011	AGA1 (2-4)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521012	AGA1 (16-18)	EPA 5035A/5030B	637095	EPA 8260D	637104
92552521001	AG3 (0-2)	SW-846	636921		
92552521002	AG3 (6-8)	SW-846	636921		
92552521003	AG3 (22-24)	SW-846	636921		
92552521004	AG2 (0-2)	SW-846	636921		
92552521005	AG2 (10-12)	SW-846	636921		
92552521006	AG2 (22-24)	SW-846	636921		
92552521007	AG1 (0-2)	SW-846	636921		
92552521008	AG1 (2-4)	SW-846	636921		
92552521009	AG1 (1-16)	SW-846	636921		
92552521010	AGA1 (0-2)	SW-846	636921		
92552521011	AGA1 (2-4)	SW-846	636921		
92552521012	AGA1 (16-18)	SW-846	636921		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Email To:

Site Collection Info/Address:

State:

County/City:

Time Zone Collected:

[] PT [] MT [] CT [] ET

Compliance Monitoring?

[] Yes [X] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice:

[X] Yes [] No

Field Filtered (if applicable):

[] Yes [] No

Analysis:

[] 2 Day [X] 3 Day [] 4 Day [] 5 Day

(Expedite Charges Apply)

Rush:

[] Same Day [] Next Day

[X] Dispose as appropriate [] Return

[] Archive: [] Hold:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Date

Time

Composite End

Date

Time

Res

CI

of Ctns

Type of Ice Used:

Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 ppm):

Y N NA

Customer Remarks / Special Conditions / Possible Hazards:

Relinquished by/Company: (Signature)

Date/Time:

LA#

W0#: 92552521

er Number or

PM: AMB

CLIENT: 92-APEX M00R

Due Date: 08/03/21

LY

Container:

Analyses:

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact

Custody Signatures Present

Collector Signatures Present

Bottles Intact

Correct Bottles

Sufficient Volume

Samples Received on Ice

VOA - Headspace Acceptable

USDA Regulated Soils

Samples in Holding Time

Residual Chlorine Present

CI Strips:

Sample pH Acceptable

pH Strips:

Sulfide Present

Lead Acetate Strips:

LAB USE ONLY:

Lab Sample # / Comments:

92552521

012

014

Temp Blank Received:

Therm ID#:

Cooler 1 Temp Upon Receipt:

Cooler 1 Therm Corr. Factor:

Cooler 1 Corrected Temp:

Comments:

Temp Blank Received:

Therm ID#:

Cooler 1 Temp Upon Receipt:

Cooler 1 Therm Corr. Factor:

Cooler 1 Corrected Temp:

Comments:

Table #:

MTIL LAB USE ONLY

Actnum:

Template:

Prelogin:



Document Name:
Sample Condition Upon Receipt(SCUR)

Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2

Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

92552521

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																					3							
2																					3							
3																					3							
4																					3							
5																					3							
6																					3							
7																					3							
8																					3							
9																					3							
10																					3							
11																					3							
12																					3							

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 03, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92552651

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 30, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company

JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92552651001	AC0 A00 (0-2)	Solid	07/30/21 09:35	07/30/21 13:18
92552651002	AC0 A00 (10-12)	Solid	07/30/21 09:40	07/30/21 13:18
92552651003	AC0 A00 (32-34)	Solid	07/30/21 09:45	07/30/21 13:18
92552651004	AC 001 (0-2)	Solid	07/30/21 10:50	07/30/21 13:18
92552651005	AC 001 (8-10)	Solid	07/30/21 10:55	07/30/21 13:18
92552651006	AC 001 (32-34)	Solid	07/30/21 11:00	07/30/21 13:18

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92552651001	AC0 A00 (0-2)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552651002	AC0 A00 (10-12)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552651003	AC0 A00 (32-34)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552651004	AC 001 (0-2)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552651005	AC 001 (8-10)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92552651006	AC 001 (32-34)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC0 A00 (0-2) **Lab ID: 92552651001** Collected: 07/30/21 09:35 Received: 07/30/21 13:18 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	4.1	4.1	1	08/02/21 16:53	08/03/21 00:25		N2
Aliphatic (C05-C08)	ND	mg/kg	4.1	4.1	1	08/02/21 16:53	08/03/21 00:25		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	4.1	4.1	1	08/02/21 16:53	08/03/21 00:25		N2
Aromatic (C09-C10)	ND	mg/kg	4.1	4.1	1	08/02/21 16:53	08/03/21 00:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1	08/02/21 16:53	08/03/21 00:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1	08/02/21 16:53	08/03/21 00:25	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	167	53.6	1	08/02/21 10:50	08/02/21 17:50	67-64-1	
Benzene	ND	ug/kg	8.4	3.3	1	08/02/21 10:50	08/02/21 17:50	71-43-2	
Bromobenzene	ND	ug/kg	8.4	2.7	1	08/02/21 10:50	08/02/21 17:50	108-86-1	
Bromochloromethane	ND	ug/kg	8.4	2.5	1	08/02/21 10:50	08/02/21 17:50	74-97-5	
Bromodichloromethane	ND	ug/kg	8.4	3.2	1	08/02/21 10:50	08/02/21 17:50	75-27-4	
Bromoform	ND	ug/kg	8.4	2.9	1	08/02/21 10:50	08/02/21 17:50	75-25-2	
Bromomethane	ND	ug/kg	16.7	13.2	1	08/02/21 10:50	08/02/21 17:50	74-83-9	v1
2-Butanone (MEK)	996	ug/kg	167	40.1	1	08/02/21 10:50	08/02/21 17:50	78-93-3	
n-Butylbenzene	ND	ug/kg	8.4	3.9	1	08/02/21 10:50	08/02/21 17:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.4	3.7	1	08/02/21 10:50	08/02/21 17:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.4	3.0	1	08/02/21 10:50	08/02/21 17:50	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.4	3.1	1	08/02/21 10:50	08/02/21 17:50	56-23-5	
Chlorobenzene	ND	ug/kg	8.4	1.6	1	08/02/21 10:50	08/02/21 17:50	108-90-7	
Chloroethane	ND	ug/kg	16.7	6.5	1	08/02/21 10:50	08/02/21 17:50	75-00-3	
Chloroform	ND	ug/kg	8.4	5.1	1	08/02/21 10:50	08/02/21 17:50	67-66-3	
Chloromethane	ND	ug/kg	16.7	7.0	1	08/02/21 10:50	08/02/21 17:50	74-87-3	
2-Chlorotoluene	ND	ug/kg	8.4	3.0	1	08/02/21 10:50	08/02/21 17:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.4	1.5	1	08/02/21 10:50	08/02/21 17:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.4	3.2	1	08/02/21 10:50	08/02/21 17:50	96-12-8	
Dibromochloromethane	ND	ug/kg	8.4	4.7	1	08/02/21 10:50	08/02/21 17:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.4	3.7	1	08/02/21 10:50	08/02/21 17:50	106-93-4	
Dibromomethane	ND	ug/kg	8.4	1.8	1	08/02/21 10:50	08/02/21 17:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.4	3.0	1	08/02/21 10:50	08/02/21 17:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.4	2.6	1	08/02/21 10:50	08/02/21 17:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.4	2.2	1	08/02/21 10:50	08/02/21 17:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.7	3.6	1	08/02/21 10:50	08/02/21 17:50	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	8.4	3.4	1	08/02/21 10:50	08/02/21 17:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.4	5.5	1	08/02/21 10:50	08/02/21 17:50	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.4	3.4	1	08/02/21 10:50	08/02/21 17:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.4	2.9	1	08/02/21 10:50	08/02/21 17:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.4	2.9	1	08/02/21 10:50	08/02/21 17:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.4	2.5	1	08/02/21 10:50	08/02/21 17:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.4	2.6	1	08/02/21 10:50	08/02/21 17:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.4	2.7	1	08/02/21 10:50	08/02/21 17:50	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC0 A00 (0-2) **Lab ID:** 92552651001 **Collected:** 07/30/21 09:35 **Received:** 07/30/21 13:18 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	8.4	4.0	1	08/02/21 10:50	08/02/21 17:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.4	2.3	1	08/02/21 10:50	08/02/21 17:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.4	2.9	1	08/02/21 10:50	08/02/21 17:50	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.4	2.3	1	08/02/21 10:50	08/02/21 17:50	108-20-3	
Ethylbenzene	ND	ug/kg	8.4	3.9	1	08/02/21 10:50	08/02/21 17:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	16.7	13.7	1	08/02/21 10:50	08/02/21 17:50	87-68-3	
2-Hexanone	ND	ug/kg	83.6	8.1	1	08/02/21 10:50	08/02/21 17:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.4	2.8	1	08/02/21 10:50	08/02/21 17:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.4	4.1	1	08/02/21 10:50	08/02/21 17:50	99-87-6	
Methylene Chloride	ND	ug/kg	33.4	22.9	1	08/02/21 10:50	08/02/21 17:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	83.6	8.1	1	08/02/21 10:50	08/02/21 17:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.4	3.1	1	08/02/21 10:50	08/02/21 17:50	1634-04-4	
Naphthalene	ND	ug/kg	8.4	4.4	1	08/02/21 10:50	08/02/21 17:50	91-20-3	
n-Propylbenzene	ND	ug/kg	8.4	3.0	1	08/02/21 10:50	08/02/21 17:50	103-65-1	
Styrene	ND	ug/kg	8.4	2.2	1	08/02/21 10:50	08/02/21 17:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.4	3.2	1	08/02/21 10:50	08/02/21 17:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.4	2.2	1	08/02/21 10:50	08/02/21 17:50	79-34-5	
Tetrachloroethene	ND	ug/kg	8.4	2.6	1	08/02/21 10:50	08/02/21 17:50	127-18-4	
Toluene	ND	ug/kg	8.4	2.4	1	08/02/21 10:50	08/02/21 17:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.4	6.8	1	08/02/21 10:50	08/02/21 17:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.4	7.0	1	08/02/21 10:50	08/02/21 17:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.4	4.3	1	08/02/21 10:50	08/02/21 17:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.4	2.8	1	08/02/21 10:50	08/02/21 17:50	79-00-5	
Trichloroethene	ND	ug/kg	8.4	2.2	1	08/02/21 10:50	08/02/21 17:50	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.4	4.6	1	08/02/21 10:50	08/02/21 17:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.4	4.2	1	08/02/21 10:50	08/02/21 17:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.4	2.3	1	08/02/21 10:50	08/02/21 17:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	8.4	2.8	1	08/02/21 10:50	08/02/21 17:50	108-67-8	
Vinyl acetate	ND	ug/kg	83.6	6.1	1	08/02/21 10:50	08/02/21 17:50	108-05-4	
Vinyl chloride	ND	ug/kg	16.7	4.2	1	08/02/21 10:50	08/02/21 17:50	75-01-4	
Xylene (Total)	ND	ug/kg	16.7	4.8	1	08/02/21 10:50	08/02/21 17:50	1330-20-7	
m&p-Xylene	ND	ug/kg	16.7	5.7	1	08/02/21 10:50	08/02/21 17:50	179601-23-1	
o-Xylene	ND	ug/kg	8.4	3.7	1	08/02/21 10:50	08/02/21 17:50	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	08/02/21 10:50	08/02/21 17:50	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	08/02/21 10:50	08/02/21 17:50	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	08/02/21 10:50	08/02/21 17:50	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	26.5	%	0.10	0.10	1	07/30/21 16:41	N2
------------------	------	---	------	------	---	----------------	----

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC0 A00 (10-12) **Lab ID:** 92552651002 **Collected:** 07/30/21 09:40 **Received:** 07/30/21 13:18 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 21:35		N2
Aliphatic (C05-C08)	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 21:35		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 21:35		N2
Aromatic (C09-C10)	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 21:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1	08/02/21 16:53	08/02/21 21:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1	08/02/21 16:53	08/02/21 21:35	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	134	43.1	1	08/02/21 10:50	08/02/21 18:08	67-64-1	
Benzene	ND	ug/kg	6.7	2.7	1	08/02/21 10:50	08/02/21 18:08	71-43-2	
Bromobenzene	ND	ug/kg	6.7	2.2	1	08/02/21 10:50	08/02/21 18:08	108-86-1	
Bromochloromethane	ND	ug/kg	6.7	2.0	1	08/02/21 10:50	08/02/21 18:08	74-97-5	
Bromodichloromethane	ND	ug/kg	6.7	2.6	1	08/02/21 10:50	08/02/21 18:08	75-27-4	
Bromoform	ND	ug/kg	6.7	2.4	1	08/02/21 10:50	08/02/21 18:08	75-25-2	
Bromomethane	ND	ug/kg	13.4	10.6	1	08/02/21 10:50	08/02/21 18:08	74-83-9	v1
2-Butanone (MEK)	ND	ug/kg	134	32.2	1	08/02/21 10:50	08/02/21 18:08	78-93-3	
n-Butylbenzene	ND	ug/kg	6.7	3.2	1	08/02/21 10:50	08/02/21 18:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.7	3.0	1	08/02/21 10:50	08/02/21 18:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.7	2.4	1	08/02/21 10:50	08/02/21 18:08	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.7	2.5	1	08/02/21 10:50	08/02/21 18:08	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	1.3	1	08/02/21 10:50	08/02/21 18:08	108-90-7	
Chloroethane	ND	ug/kg	13.4	5.2	1	08/02/21 10:50	08/02/21 18:08	75-00-3	
Chloroform	ND	ug/kg	6.7	4.1	1	08/02/21 10:50	08/02/21 18:08	67-66-3	
Chloromethane	ND	ug/kg	13.4	5.6	1	08/02/21 10:50	08/02/21 18:08	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.7	2.4	1	08/02/21 10:50	08/02/21 18:08	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.7	1.2	1	08/02/21 10:50	08/02/21 18:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	2.6	1	08/02/21 10:50	08/02/21 18:08	96-12-8	
Dibromochloromethane	ND	ug/kg	6.7	3.8	1	08/02/21 10:50	08/02/21 18:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.7	3.0	1	08/02/21 10:50	08/02/21 18:08	106-93-4	
Dibromomethane	ND	ug/kg	6.7	1.4	1	08/02/21 10:50	08/02/21 18:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.7	2.4	1	08/02/21 10:50	08/02/21 18:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.7	2.1	1	08/02/21 10:50	08/02/21 18:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.7	1.7	1	08/02/21 10:50	08/02/21 18:08	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.4	2.9	1	08/02/21 10:50	08/02/21 18:08	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	6.7	2.8	1	08/02/21 10:50	08/02/21 18:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.7	4.4	1	08/02/21 10:50	08/02/21 18:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.7	2.8	1	08/02/21 10:50	08/02/21 18:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.7	2.3	1	08/02/21 10:50	08/02/21 18:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	2.3	1	08/02/21 10:50	08/02/21 18:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.7	2.0	1	08/02/21 10:50	08/02/21 18:08	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.7	2.1	1	08/02/21 10:50	08/02/21 18:08	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.7	2.2	1	08/02/21 10:50	08/02/21 18:08	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC0 A00 (10-12) **Lab ID:** 92552651002 **Collected:** 07/30/21 09:40 **Received:** 07/30/21 13:18 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.7	3.2	1	08/02/21 10:50	08/02/21 18:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	1.8	1	08/02/21 10:50	08/02/21 18:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	2.3	1	08/02/21 10:50	08/02/21 18:08	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.7	1.8	1	08/02/21 10:50	08/02/21 18:08	108-20-3	
Ethylbenzene	ND	ug/kg	6.7	3.1	1	08/02/21 10:50	08/02/21 18:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.4	11.0	1	08/02/21 10:50	08/02/21 18:08	87-68-3	
2-Hexanone	ND	ug/kg	67.1	6.5	1	08/02/21 10:50	08/02/21 18:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	2.3	1	08/02/21 10:50	08/02/21 18:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.7	3.3	1	08/02/21 10:50	08/02/21 18:08	99-87-6	
Methylene Chloride	ND	ug/kg	26.9	18.4	1	08/02/21 10:50	08/02/21 18:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	67.1	6.5	1	08/02/21 10:50	08/02/21 18:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.7	2.5	1	08/02/21 10:50	08/02/21 18:08	1634-04-4	
Naphthalene	ND	ug/kg	6.7	3.5	1	08/02/21 10:50	08/02/21 18:08	91-20-3	
n-Propylbenzene	ND	ug/kg	6.7	2.4	1	08/02/21 10:50	08/02/21 18:08	103-65-1	
Styrene	ND	ug/kg	6.7	1.8	1	08/02/21 10:50	08/02/21 18:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.7	2.6	1	08/02/21 10:50	08/02/21 18:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	1.8	1	08/02/21 10:50	08/02/21 18:08	79-34-5	
Tetrachloroethene	ND	ug/kg	6.7	2.1	1	08/02/21 10:50	08/02/21 18:08	127-18-4	
Toluene	ND	ug/kg	6.7	1.9	1	08/02/21 10:50	08/02/21 18:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.7	5.4	1	08/02/21 10:50	08/02/21 18:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.7	5.6	1	08/02/21 10:50	08/02/21 18:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.7	3.5	1	08/02/21 10:50	08/02/21 18:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.7	2.2	1	08/02/21 10:50	08/02/21 18:08	79-00-5	
Trichloroethene	ND	ug/kg	6.7	1.7	1	08/02/21 10:50	08/02/21 18:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.7	3.7	1	08/02/21 10:50	08/02/21 18:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.7	3.4	1	08/02/21 10:50	08/02/21 18:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.7	1.8	1	08/02/21 10:50	08/02/21 18:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	2.3	1	08/02/21 10:50	08/02/21 18:08	108-67-8	
Vinyl acetate	ND	ug/kg	67.1	4.9	1	08/02/21 10:50	08/02/21 18:08	108-05-4	
Vinyl chloride	ND	ug/kg	13.4	3.4	1	08/02/21 10:50	08/02/21 18:08	75-01-4	
Xylene (Total)	ND	ug/kg	13.4	3.8	1	08/02/21 10:50	08/02/21 18:08	1330-20-7	
m&p-Xylene	ND	ug/kg	13.4	4.6	1	08/02/21 10:50	08/02/21 18:08	179601-23-1	
o-Xylene	ND	ug/kg	6.7	3.0	1	08/02/21 10:50	08/02/21 18:08	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	08/02/21 10:50	08/02/21 18:08	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	08/02/21 10:50	08/02/21 18:08	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1	08/02/21 10:50	08/02/21 18:08	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	12.6	%	0.10	0.10	1	07/30/21 16:41	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC0 A00 (32-34) **Lab ID:** 92552651003 **Collected:** 07/30/21 09:45 **Received:** 07/30/21 13:18 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	2.7	2.7	1	08/02/21 16:53	08/02/21 22:03		N2
Aliphatic (C05-C08)	ND	mg/kg	2.7	2.7	1	08/02/21 16:53	08/02/21 22:03		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	2.7	2.7	1	08/02/21 16:53	08/02/21 22:03		N2
Aromatic (C09-C10)	ND	mg/kg	2.7	2.7	1	08/02/21 16:53	08/02/21 22:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1	08/02/21 16:53	08/02/21 22:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1	08/02/21 16:53	08/02/21 22:03	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	108	34.7	1	08/02/21 10:50	08/02/21 18:27	67-64-1	
Benzene	ND	ug/kg	5.4	2.2	1	08/02/21 10:50	08/02/21 18:27	71-43-2	
Bromobenzene	ND	ug/kg	5.4	1.8	1	08/02/21 10:50	08/02/21 18:27	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1.6	1	08/02/21 10:50	08/02/21 18:27	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	2.1	1	08/02/21 10:50	08/02/21 18:27	75-27-4	
Bromoform	ND	ug/kg	5.4	1.9	1	08/02/21 10:50	08/02/21 18:27	75-25-2	
Bromomethane	ND	ug/kg	10.8	8.5	1	08/02/21 10:50	08/02/21 18:27	74-83-9	v1
2-Butanone (MEK)	ND	ug/kg	108	26.0	1	08/02/21 10:50	08/02/21 18:27	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	2.6	1	08/02/21 10:50	08/02/21 18:27	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	2.4	1	08/02/21 10:50	08/02/21 18:27	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	1.9	1	08/02/21 10:50	08/02/21 18:27	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.4	2.0	1	08/02/21 10:50	08/02/21 18:27	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1.0	1	08/02/21 10:50	08/02/21 18:27	108-90-7	
Chloroethane	ND	ug/kg	10.8	4.2	1	08/02/21 10:50	08/02/21 18:27	75-00-3	
Chloroform	ND	ug/kg	5.4	3.3	1	08/02/21 10:50	08/02/21 18:27	67-66-3	
Chloromethane	ND	ug/kg	10.8	4.5	1	08/02/21 10:50	08/02/21 18:27	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.4	1.9	1	08/02/21 10:50	08/02/21 18:27	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	0.96	1	08/02/21 10:50	08/02/21 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	2.1	1	08/02/21 10:50	08/02/21 18:27	96-12-8	
Dibromochloromethane	ND	ug/kg	5.4	3.0	1	08/02/21 10:50	08/02/21 18:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	2.4	1	08/02/21 10:50	08/02/21 18:27	106-93-4	
Dibromomethane	ND	ug/kg	5.4	1.2	1	08/02/21 10:50	08/02/21 18:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1.9	1	08/02/21 10:50	08/02/21 18:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1.7	1	08/02/21 10:50	08/02/21 18:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1.4	1	08/02/21 10:50	08/02/21 18:27	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.8	2.3	1	08/02/21 10:50	08/02/21 18:27	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	5.4	2.2	1	08/02/21 10:50	08/02/21 18:27	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	3.6	1	08/02/21 10:50	08/02/21 18:27	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.4	2.2	1	08/02/21 10:50	08/02/21 18:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1.8	1	08/02/21 10:50	08/02/21 18:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1.9	1	08/02/21 10:50	08/02/21 18:27	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1.6	1	08/02/21 10:50	08/02/21 18:27	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	1.7	1	08/02/21 10:50	08/02/21 18:27	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1.8	1	08/02/21 10:50	08/02/21 18:27	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC0 A00 (32-34) **Lab ID:** 92552651003 **Collected:** 07/30/21 09:45 **Received:** 07/30/21 13:18 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	5.4	2.6	1	08/02/21 10:50	08/02/21 18:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1.5	1	08/02/21 10:50	08/02/21 18:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1.9	1	08/02/21 10:50	08/02/21 18:27	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.4	1.5	1	08/02/21 10:50	08/02/21 18:27	108-20-3	
Ethylbenzene	ND	ug/kg	5.4	2.5	1	08/02/21 10:50	08/02/21 18:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	10.8	8.8	1	08/02/21 10:50	08/02/21 18:27	87-68-3	
2-Hexanone	ND	ug/kg	54.1	5.2	1	08/02/21 10:50	08/02/21 18:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1.8	1	08/02/21 10:50	08/02/21 18:27	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	2.7	1	08/02/21 10:50	08/02/21 18:27	99-87-6	
Methylene Chloride	ND	ug/kg	21.6	14.8	1	08/02/21 10:50	08/02/21 18:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.1	5.2	1	08/02/21 10:50	08/02/21 18:27	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	2.0	1	08/02/21 10:50	08/02/21 18:27	1634-04-4	
Naphthalene	ND	ug/kg	5.4	2.8	1	08/02/21 10:50	08/02/21 18:27	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1.9	1	08/02/21 10:50	08/02/21 18:27	103-65-1	
Styrene	ND	ug/kg	5.4	1.4	1	08/02/21 10:50	08/02/21 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	2.1	1	08/02/21 10:50	08/02/21 18:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1.4	1	08/02/21 10:50	08/02/21 18:27	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1.7	1	08/02/21 10:50	08/02/21 18:27	127-18-4	
Toluene	ND	ug/kg	5.4	1.5	1	08/02/21 10:50	08/02/21 18:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	4.4	1	08/02/21 10:50	08/02/21 18:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	4.5	1	08/02/21 10:50	08/02/21 18:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.4	2.8	1	08/02/21 10:50	08/02/21 18:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1.8	1	08/02/21 10:50	08/02/21 18:27	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1.4	1	08/02/21 10:50	08/02/21 18:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	3.0	1	08/02/21 10:50	08/02/21 18:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	2.7	1	08/02/21 10:50	08/02/21 18:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1.5	1	08/02/21 10:50	08/02/21 18:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1.8	1	08/02/21 10:50	08/02/21 18:27	108-67-8	
Vinyl acetate	ND	ug/kg	54.1	3.9	1	08/02/21 10:50	08/02/21 18:27	108-05-4	
Vinyl chloride	ND	ug/kg	10.8	2.7	1	08/02/21 10:50	08/02/21 18:27	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	3.1	1	08/02/21 10:50	08/02/21 18:27	1330-20-7	
m&p-Xylene	ND	ug/kg	10.8	3.7	1	08/02/21 10:50	08/02/21 18:27	179601-23-1	
o-Xylene	ND	ug/kg	5.4	2.4	1	08/02/21 10:50	08/02/21 18:27	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	08/02/21 10:50	08/02/21 18:27	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		1	08/02/21 10:50	08/02/21 18:27	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	08/02/21 10:50	08/02/21 18:27	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	8.8	%	0.10	0.10	1	07/30/21 16:41	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC 001 (0-2) **Lab ID: 92552651004** Collected: 07/30/21 10:50 Received: 07/30/21 13:18 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 22:31		N2
Aliphatic (C05-C08)	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 22:31		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 22:31		N2
Aromatic (C09-C10)	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 22:31		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1	08/02/21 16:53	08/02/21 22:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	99	%	70-130		1	08/02/21 16:53	08/02/21 22:31	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	120	38.6	1	08/02/21 10:50	08/02/21 18:45	67-64-1	
Benzene	ND	ug/kg	6.0	2.4	1	08/02/21 10:50	08/02/21 18:45	71-43-2	
Bromobenzene	ND	ug/kg	6.0	2.0	1	08/02/21 10:50	08/02/21 18:45	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1.8	1	08/02/21 10:50	08/02/21 18:45	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	2.3	1	08/02/21 10:50	08/02/21 18:45	75-27-4	
Bromoform	ND	ug/kg	6.0	2.1	1	08/02/21 10:50	08/02/21 18:45	75-25-2	
Bromomethane	ND	ug/kg	12.0	9.5	1	08/02/21 10:50	08/02/21 18:45	74-83-9	v1
2-Butanone (MEK)	ND	ug/kg	120	28.8	1	08/02/21 10:50	08/02/21 18:45	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	2.8	1	08/02/21 10:50	08/02/21 18:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	2.6	1	08/02/21 10:50	08/02/21 18:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	2.1	1	08/02/21 10:50	08/02/21 18:45	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.0	2.2	1	08/02/21 10:50	08/02/21 18:45	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1.2	1	08/02/21 10:50	08/02/21 18:45	108-90-7	
Chloroethane	ND	ug/kg	12.0	4.6	1	08/02/21 10:50	08/02/21 18:45	75-00-3	
Chloroform	ND	ug/kg	6.0	3.7	1	08/02/21 10:50	08/02/21 18:45	67-66-3	
Chloromethane	ND	ug/kg	12.0	5.0	1	08/02/21 10:50	08/02/21 18:45	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	2.1	1	08/02/21 10:50	08/02/21 18:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1.1	1	08/02/21 10:50	08/02/21 18:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	2.3	1	08/02/21 10:50	08/02/21 18:45	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	3.4	1	08/02/21 10:50	08/02/21 18:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	2.6	1	08/02/21 10:50	08/02/21 18:45	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1.3	1	08/02/21 10:50	08/02/21 18:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	2.2	1	08/02/21 10:50	08/02/21 18:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1.9	1	08/02/21 10:50	08/02/21 18:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1.6	1	08/02/21 10:50	08/02/21 18:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.0	2.6	1	08/02/21 10:50	08/02/21 18:45	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	6.0	2.5	1	08/02/21 10:50	08/02/21 18:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	4.0	1	08/02/21 10:50	08/02/21 18:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	2.5	1	08/02/21 10:50	08/02/21 18:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	2.1	1	08/02/21 10:50	08/02/21 18:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	2.1	1	08/02/21 10:50	08/02/21 18:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1.8	1	08/02/21 10:50	08/02/21 18:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1.9	1	08/02/21 10:50	08/02/21 18:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	2.0	1	08/02/21 10:50	08/02/21 18:45	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC 001 (0-2) **Lab ID:** 92552651004 **Collected:** 07/30/21 10:50 **Received:** 07/30/21 13:18 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.0	2.9	1	08/02/21 10:50	08/02/21 18:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1.6	1	08/02/21 10:50	08/02/21 18:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	2.1	1	08/02/21 10:50	08/02/21 18:45	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.0	1.6	1	08/02/21 10:50	08/02/21 18:45	108-20-3	
Ethylbenzene	ND	ug/kg	6.0	2.8	1	08/02/21 10:50	08/02/21 18:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.0	9.8	1	08/02/21 10:50	08/02/21 18:45	87-68-3	
2-Hexanone	ND	ug/kg	60.1	5.8	1	08/02/21 10:50	08/02/21 18:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	2.0	1	08/02/21 10:50	08/02/21 18:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	3.0	1	08/02/21 10:50	08/02/21 18:45	99-87-6	
Methylene Chloride	ND	ug/kg	24.0	16.5	1	08/02/21 10:50	08/02/21 18:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.1	5.8	1	08/02/21 10:50	08/02/21 18:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	2.2	1	08/02/21 10:50	08/02/21 18:45	1634-04-4	
Naphthalene	ND	ug/kg	6.0	3.2	1	08/02/21 10:50	08/02/21 18:45	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	2.1	1	08/02/21 10:50	08/02/21 18:45	103-65-1	
Styrene	ND	ug/kg	6.0	1.6	1	08/02/21 10:50	08/02/21 18:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	2.3	1	08/02/21 10:50	08/02/21 18:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1.6	1	08/02/21 10:50	08/02/21 18:45	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1.9	1	08/02/21 10:50	08/02/21 18:45	127-18-4	
Toluene	ND	ug/kg	6.0	1.7	1	08/02/21 10:50	08/02/21 18:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	4.9	1	08/02/21 10:50	08/02/21 18:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	5.0	1	08/02/21 10:50	08/02/21 18:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	3.1	1	08/02/21 10:50	08/02/21 18:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	2.0	1	08/02/21 10:50	08/02/21 18:45	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1.5	1	08/02/21 10:50	08/02/21 18:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	3.3	1	08/02/21 10:50	08/02/21 18:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	3.0	1	08/02/21 10:50	08/02/21 18:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1.6	1	08/02/21 10:50	08/02/21 18:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	2.0	1	08/02/21 10:50	08/02/21 18:45	108-67-8	
Vinyl acetate	ND	ug/kg	60.1	4.4	1	08/02/21 10:50	08/02/21 18:45	108-05-4	
Vinyl chloride	ND	ug/kg	12.0	3.1	1	08/02/21 10:50	08/02/21 18:45	75-01-4	
Xylene (Total)	ND	ug/kg	12.0	3.4	1	08/02/21 10:50	08/02/21 18:45	1330-20-7	
m&p-Xylene	ND	ug/kg	12.0	4.1	1	08/02/21 10:50	08/02/21 18:45	179601-23-1	
o-Xylene	ND	ug/kg	6.0	2.7	1	08/02/21 10:50	08/02/21 18:45	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	08/02/21 10:50	08/02/21 18:45	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	08/02/21 10:50	08/02/21 18:45	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	08/02/21 10:50	08/02/21 18:45	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	18.1	%	0.10	0.10	1	07/30/21 16:41	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC 001 (8-10) **Lab ID: 92552651005** Collected: 07/30/21 10:55 Received: 07/30/21 13:18 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 23:00		N2
Aliphatic (C05-C08)	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 23:00		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 23:00		N2
Aromatic (C09-C10)	ND	mg/kg	3.3	3.3	1	08/02/21 16:53	08/02/21 23:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1	08/02/21 16:53	08/02/21 23:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1	08/02/21 16:53	08/02/21 23:00	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	127	40.7	1	08/02/21 10:50	08/02/21 19:04	67-64-1	
Benzene	ND	ug/kg	6.3	2.5	1	08/02/21 10:50	08/02/21 19:04	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.1	1	08/02/21 10:50	08/02/21 19:04	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	1.9	1	08/02/21 10:50	08/02/21 19:04	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1	08/02/21 10:50	08/02/21 19:04	75-27-4	
Bromoform	ND	ug/kg	6.3	2.2	1	08/02/21 10:50	08/02/21 19:04	75-25-2	
Bromomethane	ND	ug/kg	12.7	10.0	1	08/02/21 10:50	08/02/21 19:04	74-83-9	v1
2-Butanone (MEK)	ND	ug/kg	127	30.4	1	08/02/21 10:50	08/02/21 19:04	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	3.0	1	08/02/21 10:50	08/02/21 19:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.8	1	08/02/21 10:50	08/02/21 19:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.3	1	08/02/21 10:50	08/02/21 19:04	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.3	2.4	1	08/02/21 10:50	08/02/21 19:04	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	1.2	1	08/02/21 10:50	08/02/21 19:04	108-90-7	
Chloroethane	ND	ug/kg	12.7	4.9	1	08/02/21 10:50	08/02/21 19:04	75-00-3	
Chloroform	ND	ug/kg	6.3	3.9	1	08/02/21 10:50	08/02/21 19:04	67-66-3	
Chloromethane	ND	ug/kg	12.7	5.3	1	08/02/21 10:50	08/02/21 19:04	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.3	2.2	1	08/02/21 10:50	08/02/21 19:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	1.1	1	08/02/21 10:50	08/02/21 19:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	2.5	1	08/02/21 10:50	08/02/21 19:04	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	3.6	1	08/02/21 10:50	08/02/21 19:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.8	1	08/02/21 10:50	08/02/21 19:04	106-93-4	
Dibromomethane	ND	ug/kg	6.3	1.4	1	08/02/21 10:50	08/02/21 19:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.3	1	08/02/21 10:50	08/02/21 19:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	2.0	1	08/02/21 10:50	08/02/21 19:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	1.6	1	08/02/21 10:50	08/02/21 19:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.7	2.8	1	08/02/21 10:50	08/02/21 19:04	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	6.3	2.6	1	08/02/21 10:50	08/02/21 19:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	4.2	1	08/02/21 10:50	08/02/21 19:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.3	2.6	1	08/02/21 10:50	08/02/21 19:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	08/02/21 10:50	08/02/21 19:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.2	1	08/02/21 10:50	08/02/21 19:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	1.9	1	08/02/21 10:50	08/02/21 19:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.0	1	08/02/21 10:50	08/02/21 19:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.1	1	08/02/21 10:50	08/02/21 19:04	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC 001 (8-10) **Lab ID: 92552651005** Collected: 07/30/21 10:55 Received: 07/30/21 13:18 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.3	3.0	1	08/02/21 10:50	08/02/21 19:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	1.7	1	08/02/21 10:50	08/02/21 19:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	2.2	1	08/02/21 10:50	08/02/21 19:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	1.7	1	08/02/21 10:50	08/02/21 19:04	108-20-3	
Ethylbenzene	ND	ug/kg	6.3	3.0	1	08/02/21 10:50	08/02/21 19:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.7	10.4	1	08/02/21 10:50	08/02/21 19:04	87-68-3	
2-Hexanone	ND	ug/kg	63.4	6.1	1	08/02/21 10:50	08/02/21 19:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	2.2	1	08/02/21 10:50	08/02/21 19:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	3.1	1	08/02/21 10:50	08/02/21 19:04	99-87-6	
Methylene Chloride	ND	ug/kg	25.4	17.4	1	08/02/21 10:50	08/02/21 19:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	63.4	6.1	1	08/02/21 10:50	08/02/21 19:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	2.4	1	08/02/21 10:50	08/02/21 19:04	1634-04-4	
Naphthalene	ND	ug/kg	6.3	3.3	1	08/02/21 10:50	08/02/21 19:04	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.3	1	08/02/21 10:50	08/02/21 19:04	103-65-1	
Styrene	ND	ug/kg	6.3	1.7	1	08/02/21 10:50	08/02/21 19:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1	08/02/21 10:50	08/02/21 19:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	1.7	1	08/02/21 10:50	08/02/21 19:04	79-34-5	
Tetrachloroethene	ND	ug/kg	6.3	2.0	1	08/02/21 10:50	08/02/21 19:04	127-18-4	
Toluene	ND	ug/kg	6.3	1.8	1	08/02/21 10:50	08/02/21 19:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	5.1	1	08/02/21 10:50	08/02/21 19:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	5.3	1	08/02/21 10:50	08/02/21 19:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.3	3.3	1	08/02/21 10:50	08/02/21 19:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.1	1	08/02/21 10:50	08/02/21 19:04	79-00-5	
Trichloroethene	ND	ug/kg	6.3	1.6	1	08/02/21 10:50	08/02/21 19:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	3.5	1	08/02/21 10:50	08/02/21 19:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	3.2	1	08/02/21 10:50	08/02/21 19:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	1.7	1	08/02/21 10:50	08/02/21 19:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	2.1	1	08/02/21 10:50	08/02/21 19:04	108-67-8	
Vinyl acetate	ND	ug/kg	63.4	4.6	1	08/02/21 10:50	08/02/21 19:04	108-05-4	
Vinyl chloride	ND	ug/kg	12.7	3.2	1	08/02/21 10:50	08/02/21 19:04	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	3.6	1	08/02/21 10:50	08/02/21 19:04	1330-20-7	
m&p-Xylene	ND	ug/kg	12.7	4.3	1	08/02/21 10:50	08/02/21 19:04	179601-23-1	
o-Xylene	ND	ug/kg	6.3	2.8	1	08/02/21 10:50	08/02/21 19:04	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	08/02/21 10:50	08/02/21 19:04	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	08/02/21 10:50	08/02/21 19:04	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1	08/02/21 10:50	08/02/21 19:04	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	9.9	%	0.10	0.10	1	07/30/21 16:41	N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC 001 (32-34) **Lab ID: 92552651006** Collected: 07/30/21 11:00 Received: 07/30/21 13:18 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 23:28		N2
Aliphatic (C05-C08)	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 23:28		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 23:28		N2
Aromatic (C09-C10)	ND	mg/kg	3.1	3.1	1	08/02/21 16:53	08/02/21 23:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1	08/02/21 16:53	08/02/21 23:28	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1	08/02/21 16:53	08/02/21 23:28	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	117	37.4	1	08/02/21 10:50	08/02/21 19:22	67-64-1	
Benzene	ND	ug/kg	5.8	2.3	1	08/02/21 10:50	08/02/21 19:22	71-43-2	
Bromobenzene	ND	ug/kg	5.8	1.9	1	08/02/21 10:50	08/02/21 19:22	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	1.7	1	08/02/21 10:50	08/02/21 19:22	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	2.3	1	08/02/21 10:50	08/02/21 19:22	75-27-4	
Bromoform	ND	ug/kg	5.8	2.1	1	08/02/21 10:50	08/02/21 19:22	75-25-2	
Bromomethane	ND	ug/kg	11.7	9.2	1	08/02/21 10:50	08/02/21 19:22	74-83-9	v1
2-Butanone (MEK)	ND	ug/kg	117	28.0	1	08/02/21 10:50	08/02/21 19:22	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	2.8	1	08/02/21 10:50	08/02/21 19:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.8	2.6	1	08/02/21 10:50	08/02/21 19:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.8	2.1	1	08/02/21 10:50	08/02/21 19:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.8	2.2	1	08/02/21 10:50	08/02/21 19:22	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	1.1	1	08/02/21 10:50	08/02/21 19:22	108-90-7	
Chloroethane	ND	ug/kg	11.7	4.5	1	08/02/21 10:50	08/02/21 19:22	75-00-3	
Chloroform	ND	ug/kg	5.8	3.5	1	08/02/21 10:50	08/02/21 19:22	67-66-3	
Chloromethane	ND	ug/kg	11.7	4.9	1	08/02/21 10:50	08/02/21 19:22	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.8	2.1	1	08/02/21 10:50	08/02/21 19:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.8	1.0	1	08/02/21 10:50	08/02/21 19:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	2.3	1	08/02/21 10:50	08/02/21 19:22	96-12-8	
Dibromochloromethane	ND	ug/kg	5.8	3.3	1	08/02/21 10:50	08/02/21 19:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	2.6	1	08/02/21 10:50	08/02/21 19:22	106-93-4	
Dibromomethane	ND	ug/kg	5.8	1.2	1	08/02/21 10:50	08/02/21 19:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.8	2.1	1	08/02/21 10:50	08/02/21 19:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	1.8	1	08/02/21 10:50	08/02/21 19:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	1.5	1	08/02/21 10:50	08/02/21 19:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.7	2.5	1	08/02/21 10:50	08/02/21 19:22	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	5.8	2.4	1	08/02/21 10:50	08/02/21 19:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	3.9	1	08/02/21 10:50	08/02/21 19:22	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.8	2.4	1	08/02/21 10:50	08/02/21 19:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	2.0	1	08/02/21 10:50	08/02/21 19:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	2.0	1	08/02/21 10:50	08/02/21 19:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	1.7	1	08/02/21 10:50	08/02/21 19:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.8	1.8	1	08/02/21 10:50	08/02/21 19:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.8	1.9	1	08/02/21 10:50	08/02/21 19:22	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Sample: AC 001 (32-34) **Lab ID: 92552651006** Collected: 07/30/21 11:00 Received: 07/30/21 13:18 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	5.8	2.8	1	08/02/21 10:50	08/02/21 19:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1.6	1	08/02/21 10:50	08/02/21 19:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	2.0	1	08/02/21 10:50	08/02/21 19:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.8	1.6	1	08/02/21 10:50	08/02/21 19:22	108-20-3	
Ethylbenzene	ND	ug/kg	5.8	2.7	1	08/02/21 10:50	08/02/21 19:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	11.7	9.5	1	08/02/21 10:50	08/02/21 19:22	87-68-3	
2-Hexanone	ND	ug/kg	58.3	5.6	1	08/02/21 10:50	08/02/21 19:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	2.0	1	08/02/21 10:50	08/02/21 19:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.8	2.9	1	08/02/21 10:50	08/02/21 19:22	99-87-6	
Methylene Chloride	ND	ug/kg	23.3	16.0	1	08/02/21 10:50	08/02/21 19:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.3	5.6	1	08/02/21 10:50	08/02/21 19:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	2.2	1	08/02/21 10:50	08/02/21 19:22	1634-04-4	
Naphthalene	ND	ug/kg	5.8	3.1	1	08/02/21 10:50	08/02/21 19:22	91-20-3	
n-Propylbenzene	ND	ug/kg	5.8	2.1	1	08/02/21 10:50	08/02/21 19:22	103-65-1	
Styrene	ND	ug/kg	5.8	1.5	1	08/02/21 10:50	08/02/21 19:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	2.2	1	08/02/21 10:50	08/02/21 19:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1.5	1	08/02/21 10:50	08/02/21 19:22	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	1.8	1	08/02/21 10:50	08/02/21 19:22	127-18-4	
Toluene	ND	ug/kg	5.8	1.7	1	08/02/21 10:50	08/02/21 19:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	4.7	1	08/02/21 10:50	08/02/21 19:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	4.9	1	08/02/21 10:50	08/02/21 19:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.8	3.0	1	08/02/21 10:50	08/02/21 19:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	1.9	1	08/02/21 10:50	08/02/21 19:22	79-00-5	
Trichloroethene	ND	ug/kg	5.8	1.5	1	08/02/21 10:50	08/02/21 19:22	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	3.2	1	08/02/21 10:50	08/02/21 19:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.8	3.0	1	08/02/21 10:50	08/02/21 19:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1.6	1	08/02/21 10:50	08/02/21 19:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	2.0	1	08/02/21 10:50	08/02/21 19:22	108-67-8	
Vinyl acetate	ND	ug/kg	58.3	4.2	1	08/02/21 10:50	08/02/21 19:22	108-05-4	
Vinyl chloride	ND	ug/kg	11.7	3.0	1	08/02/21 10:50	08/02/21 19:22	75-01-4	
Xylene (Total)	ND	ug/kg	11.7	3.3	1	08/02/21 10:50	08/02/21 19:22	1330-20-7	
m&p-Xylene	ND	ug/kg	11.7	4.0	1	08/02/21 10:50	08/02/21 19:22	179601-23-1	
o-Xylene	ND	ug/kg	5.8	2.6	1	08/02/21 10:50	08/02/21 19:22	95-47-6	
Surrogates									
Toluene-d8 (S)	103	%	70-130		1	08/02/21 10:50	08/02/21 19:22	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		1	08/02/21 10:50	08/02/21 19:22	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1	08/02/21 10:50	08/02/21 19:22	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	11.2	%	0.10	0.10	1		07/30/21 16:41		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

QC Batch:	637535	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92552651001, 92552651002, 92552651003, 92552651004, 92552651005, 92552651006

METHOD BLANK: 3346920 Matrix: Solid

Associated Lab Samples: 92552651001, 92552651002, 92552651003, 92552651004, 92552651005, 92552651006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	08/02/21 14:53	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	08/02/21 14:53	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		08/02/21 14:53	
4-Bromofluorobenzene (PID) (S)	%	104	70-130		08/02/21 14:53	

LABORATORY CONTROL SAMPLE & LCSD: 3346921

LABORATORY CONTROL SAMPLE & LCSD: 3346921			3346922							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	18.5	16.2	124	108	70-130	14	25	N2
Aromatic (C09-C10)	mg/kg	5	5.7	5.4	114	107	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	102	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92552651

QC Batch: 637125 Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B Analysis Description: 8260D 5035A 5030B
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92552651001, 92552651002, 92552651003, 92552651004, 92552651005, 92552651006

METHOD BLANK: 3345243 Matrix: Solid
Associated Lab Samples: 92552651001, 92552651002, 92552651003, 92552651004, 92552651005, 92552651006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	08/02/21 12:36	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	08/02/21 12:36	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	08/02/21 12:36	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	08/02/21 12:36	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	08/02/21 12:36	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	08/02/21 12:36	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	08/02/21 12:36	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	08/02/21 12:36	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	08/02/21 12:36	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	08/02/21 12:36	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	08/02/21 12:36	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	08/02/21 12:36	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	08/02/21 12:36	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	08/02/21 12:36	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	08/02/21 12:36	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	08/02/21 12:36	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	08/02/21 12:36	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	08/02/21 12:36	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	08/02/21 12:36	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	08/02/21 12:36	
2-Butanone (MEK)	ug/kg	ND	100	24.0	08/02/21 12:36	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
2-Hexanone	ug/kg	ND	50.0	4.8	08/02/21 12:36	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	08/02/21 12:36	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	08/02/21 12:36	
Acetone	ug/kg	ND	100	32.1	08/02/21 12:36	
Benzene	ug/kg	ND	5.0	2.0	08/02/21 12:36	
Bromobenzene	ug/kg	ND	5.0	1.6	08/02/21 12:36	
Bromochloromethane	ug/kg	ND	5.0	1.5	08/02/21 12:36	
Bromodichloromethane	ug/kg	ND	5.0	1.9	08/02/21 12:36	
Bromoform	ug/kg	ND	5.0	1.8	08/02/21 12:36	
Bromomethane	ug/kg	ND	10.0	7.9	08/02/21 12:36	v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	08/02/21 12:36	
Chlorobenzene	ug/kg	ND	5.0	0.96	08/02/21 12:36	
Chloroethane	ug/kg	ND	10.0	3.9	08/02/21 12:36	
Chloroform	ug/kg	ND	5.0	3.0	08/02/21 12:36	
Chloromethane	ug/kg	ND	10.0	4.2	08/02/21 12:36	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	08/02/21 12:36	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	08/02/21 12:36	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

METHOD BLANK: 3345243

Matrix: Solid

Associated Lab Samples: 92552651001, 92552651002, 92552651003, 92552651004, 92552651005, 92552651006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	08/02/21 12:36	
Dibromomethane	ug/kg	ND	5.0	1.1	08/02/21 12:36	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	08/02/21 12:36	v1
Diisopropyl ether	ug/kg	ND	5.0	1.4	08/02/21 12:36	
Ethylbenzene	ug/kg	ND	5.0	2.3	08/02/21 12:36	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	08/02/21 12:36	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	08/02/21 12:36	
m&p-Xylene	ug/kg	ND	10.0	3.4	08/02/21 12:36	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	08/02/21 12:36	
Methylene Chloride	ug/kg	ND	20.0	13.7	08/02/21 12:36	
n-Butylbenzene	ug/kg	ND	5.0	2.4	08/02/21 12:36	
n-Propylbenzene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
Naphthalene	ug/kg	ND	5.0	2.6	08/02/21 12:36	
o-Xylene	ug/kg	ND	5.0	2.2	08/02/21 12:36	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	08/02/21 12:36	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	08/02/21 12:36	
Styrene	ug/kg	ND	5.0	1.3	08/02/21 12:36	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
Tetrachloroethene	ug/kg	ND	5.0	1.6	08/02/21 12:36	
Toluene	ug/kg	ND	5.0	1.4	08/02/21 12:36	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	08/02/21 12:36	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	08/02/21 12:36	
Trichloroethene	ug/kg	ND	5.0	1.3	08/02/21 12:36	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	08/02/21 12:36	
Vinyl acetate	ug/kg	ND	50.0	3.6	08/02/21 12:36	
Vinyl chloride	ug/kg	ND	10.0	2.5	08/02/21 12:36	
Xylene (Total)	ug/kg	ND	10.0	2.8	08/02/21 12:36	
1,2-Dichloroethane-d4 (S)	%	116	70-130		08/02/21 12:36	
4-Bromofluorobenzene (S)	%	100	69-134		08/02/21 12:36	
Toluene-d8 (S)	%	102	70-130		08/02/21 12:36	

LABORATORY CONTROL SAMPLE: 3345244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1060	85	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1190	95	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	995	80	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1100	88	70-130	
1,1-Dichloroethane	ug/kg	1250	1210	97	70-130	
1,1-Dichloroethene	ug/kg	1250	1280	102	70-130	
1,1-Dichloropropene	ug/kg	1250	1260	101	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	992	79	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1030	82	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1020	81	68-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

LABORATORY CONTROL SAMPLE: 3345244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1060	85	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	988	79	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1010	81	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1040	83	70-130	
1,2-Dichloroethane	ug/kg	1250	1110	89	63-130	
1,2-Dichloropropane	ug/kg	1250	1150	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1100	88	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1050	84	70-130	
1,3-Dichloropropane	ug/kg	1250	1040	83	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1050	84	70-130	
2,2-Dichloropropane	ug/kg	1250	1190	95	66-130	
2-Butanone (MEK)	ug/kg	2500	2380	95	70-130	
2-Chlorotoluene	ug/kg	1250	1150	92	70-130	
2-Hexanone	ug/kg	2500	2180	87	70-130	
4-Chlorotoluene	ug/kg	1250	1080	87	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2230	89	70-130	
Acetone	ug/kg	2500	2360	94	69-130	
Benzene	ug/kg	1250	1130	90	70-130	
Bromobenzene	ug/kg	1250	1020	81	70-130	
Bromochloromethane	ug/kg	1250	1130	91	70-130	
Bromodichloromethane	ug/kg	1250	1030	82	69-130	
Bromoform	ug/kg	1250	1060	85	70-130	
Bromomethane	ug/kg	1250	1380	110	52-130 v1	
Carbon tetrachloride	ug/kg	1250	1180	95	70-130	
Chlorobenzene	ug/kg	1250	1040	84	70-130	
Chloroethane	ug/kg	1250	1200	96	65-130	
Chloroform	ug/kg	1250	1190	96	70-130	
Chloromethane	ug/kg	1250	1090	87	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1160	93	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1120	90	70-130	
Dibromochloromethane	ug/kg	1250	1090	87	70-130	
Dibromomethane	ug/kg	1250	1040	83	70-130	
Dichlorodifluoromethane	ug/kg	1250	1450	116	45-156 v1	
Diisopropyl ether	ug/kg	1250	1160	93	70-130	
Ethylbenzene	ug/kg	1250	1100	88	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1040	83	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1150	92	70-130	
m&p-Xylene	ug/kg	2500	2230	89	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1090	87	70-130	
Methylene Chloride	ug/kg	1250	1240	99	65-130	
n-Butylbenzene	ug/kg	1250	1130	90	67-130	
n-Propylbenzene	ug/kg	1250	1130	90	70-130	
Naphthalene	ug/kg	1250	1000	80	70-130	
o-Xylene	ug/kg	1250	1000	80	70-130	
p-Isopropyltoluene	ug/kg	1250	1150	92	67-130	
sec-Butylbenzene	ug/kg	1250	1150	92	69-130	
Styrene	ug/kg	1250	1090	88	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

LABORATORY CONTROL SAMPLE: 3345244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1080	86	67-130	
Tetrachloroethene	ug/kg	1250	1050	84	70-130	
Toluene	ug/kg	1250	1030	83	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1210	97	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1110	89	68-130	
Trichloroethene	ug/kg	1250	1090	88	70-130	
Trichlorofluoromethane	ug/kg	1250	1170	94	70-130	
Vinyl acetate	ug/kg	2500	2510	100	70-130	
Vinyl chloride	ug/kg	1250	1190	96	61-130	
Xylene (Total)	ug/kg	3750	3230	86	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			98	69-134	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 3345246

Parameter	Units	92552501003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	677	675	100	70-131	
1,1,1-Trichloroethane	ug/kg	ND	677	775	114	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	677	642	95	66-130	
1,1,2-Trichloroethane	ug/kg	ND	677	679	100	66-133	
1,1-Dichloroethane	ug/kg	ND	677	791	117	65-130	
1,1-Dichloroethene	ug/kg	ND	677	910	134	10-158	
1,1-Dichloropropene	ug/kg	ND	677	861	127	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	677	679	100	27-138	
1,2,3-Trichloropropane	ug/kg	ND	677	643	95	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	677	691	102	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	677	713	105	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	677	586	87	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	677	628	93	70-130	
1,2-Dichlorobenzene	ug/kg	ND	677	701	104	69-130	
1,2-Dichloroethane	ug/kg	ND	677	699	103	59-130	
1,2-Dichloropropane	ug/kg	ND	677	738	109	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	677	735	109	65-137	
1,3-Dichlorobenzene	ug/kg	ND	677	698	103	70-130	
1,3-Dichloropropane	ug/kg	ND	677	675	100	70-130	
1,4-Dichlorobenzene	ug/kg	ND	677	673	99	68-130	
2,2-Dichloropropane	ug/kg	ND	677	708	105	32-130	
2-Butanone (MEK)	ug/kg	ND	1350	1410	104	10-136	
2-Chlorotoluene	ug/kg	ND	677	765	113	69-141	
2-Hexanone	ug/kg	ND	1350	1290	95	10-144	
4-Chlorotoluene	ug/kg	ND	677	719	106	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1350	1330	98	25-143	
Acetone	ug/kg	ND	1350	1240	92	10-130	
Benzene	ug/kg	ND	677	748	110	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

MATRIX SPIKE SAMPLE:		3345246	92552501003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
Bromobenzene	ug/kg	ND	677	648	96	70-130		
Bromochloromethane	ug/kg	ND	677	675	100	69-134		
Bromodichloromethane	ug/kg	ND	677	622	92	64-130		
Bromoform	ug/kg	ND	677	593	88	62-130		
Bromomethane	ug/kg	ND	677	531	78	20-176	v1	
Carbon tetrachloride	ug/kg	ND	677	746	110	65-140		
Chlorobenzene	ug/kg	ND	677	698	103	70-130		
Chloroethane	ug/kg	ND	677	250	37	10-130		
Chloroform	ug/kg	ND	677	753	111	63-130		
Chloromethane	ug/kg	ND	677	830	122	58-130		
cis-1,2-Dichloroethene	ug/kg	ND	677	757	112	66-130		
cis-1,3-Dichloropropene	ug/kg	ND	677	680	100	67-130		
Dibromochloromethane	ug/kg	ND	677	630	93	67-130		
Dibromomethane	ug/kg	ND	677	635	94	63-131		
Dichlorodifluoromethane	ug/kg	ND	677	1050	155	44-180	v1	
Diisopropyl ether	ug/kg	ND	677	735	109	63-130		
Ethylbenzene	ug/kg	ND	677	764	113	66-130		
Hexachloro-1,3-butadiene	ug/kg	ND	677	771	114	64-150		
Isopropylbenzene (Cumene)	ug/kg	ND	677	800	118	69-135		
m&p-Xylene	ug/kg	ND	1350	1530	113	60-133		
Methyl-tert-butyl ether	ug/kg	ND	677	654	97	65-130		
Methylene Chloride	ug/kg	ND	677	780	115	61-130		
n-Butylbenzene	ug/kg	ND	677	787	116	65-140		
n-Propylbenzene	ug/kg	ND	677	770	114	67-140		
Naphthalene	ug/kg	ND	677	642	95	15-145		
o-Xylene	ug/kg	ND	677	675	100	66-133		
p-Isopropyltoluene	ug/kg	ND	677	789	116	56-147		
sec-Butylbenzene	ug/kg	ND	677	803	119	65-139		
Styrene	ug/kg	ND	677	693	102	70-132		
tert-Butylbenzene	ug/kg	ND	677	748	110	62-135		
Tetrachloroethene	ug/kg	ND	677	739	109	70-135		
Toluene	ug/kg	5.2J	677	701	103	67-130		
trans-1,2-Dichloroethene	ug/kg	ND	677	799	118	69-130		
trans-1,3-Dichloropropene	ug/kg	ND	677	658	97	62-130		
Trichloroethene	ug/kg	ND	677	726	107	70-135		
Trichlorofluoromethane	ug/kg	ND	677	245	36	10-130		
Vinyl acetate	ug/kg	ND	1350	1500	111	53-130		
Vinyl chloride	ug/kg	ND	677	879	130	61-148		
Xylene (Total)	ug/kg	ND	2030	2210	109	63-132		
1,2-Dichloroethane-d4 (S)	%				106	70-130		
4-Bromofluorobenzene (S)	%				100	69-134		
Toluene-d8 (S)	%				101	70-130		

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

SAMPLE DUPLICATE: 3345245

Parameter	Units	92552501002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30 v1	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30 v1	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

SAMPLE DUPLICATE: 3345245

Parameter	Units	92552501002 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	6.9	7.3	7	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	108	107			
4-Bromofluorobenzene (S)	%	100	101			
Toluene-d8 (S)	%	102	103			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

QC Batch:	637193	Analysis Method:	SW-846
QC Batch Method:	SW-846	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92552651001, 92552651002, 92552651003, 92552651004, 92552651005, 92552651006

SAMPLE DUPLICATE: 3345496

Parameter	Units	92552541001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.8	18.1	19	25	N2

SAMPLE DUPLICATE: 3345497

Parameter	Units	92552673009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.9	13.1	2	25	N2

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92552651

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92552651001	AC0 A00 (0-2)	MADEP VPH	637535	MADEP VPH	637547
92552651002	AC0 A00 (10-12)	MADEP VPH	637535	MADEP VPH	637547
92552651003	AC0 A00 (32-34)	MADEP VPH	637535	MADEP VPH	637547
92552651004	AC 001 (0-2)	MADEP VPH	637535	MADEP VPH	637547
92552651005	AC 001 (8-10)	MADEP VPH	637535	MADEP VPH	637547
92552651006	AC 001 (32-34)	MADEP VPH	637535	MADEP VPH	637547
92552651001	AC0 A00 (0-2)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552651002	AC0 A00 (10-12)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552651003	AC0 A00 (32-34)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552651004	AC 001 (0-2)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552651005	AC 001 (8-10)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552651006	AC 001 (32-34)	EPA 5035A/5030B	637125	EPA 8260D	637140
92552651001	AC0 A00 (0-2)	SW-846	637193		
92552651002	AC0 A00 (10-12)	SW-846	637193		
92552651003	AC0 A00 (32-34)	SW-846	637193		
92552651004	AC 001 (0-2)	SW-846	637193		
92552651005	AC 001 (8-10)	SW-846	637193		
92552651006	AC 001 (32-34)	SW-846	637193		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company:

Address:

Report To:

Copy To:

Customer Project Name/Number:

Phone:

Email:

Collected By (Print):

Collected (Signature):

Sample Disposal:

Disposal as appropriate:

Archive:

Hold:

Matrix Codes (Insert in Matrix box below):

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Date

Time

Composite End

Date

Time

Res

of Ctns

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or MT#

ALL SHADED A

Container Preservative Type **

6 6

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other



W0#: 92552651

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact y ☒ NA
Custody Signatures Present y ☒ NA
Collector Signatures Present y ☒ NA
Bottles Intact y ☒ NA
Correct Bottles y ☒ NA
Sufficient Volume y ☒ NA
Samples Received on Ice y ☒ NA
VOA - Headspace Acceptable y ☒ NA
USDA Regulated Soils y ☒ NA
Samples in Holding Time y ☒ NA
Residual Chlorine Present y ☒ NA
Cl Strips: y ☒ NA
Sample pH Acceptable y ☒ NA
pH Strips: y ☒ NA
Sulfide Present y ☒ NA
Lead Acetate Strips: y ☒ NA

LAB USE ONLY:
Lab Sample # / Comments:

92552651

001

002

003

004

005

006

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used:

Met

Blue

Dry

None

Y

N

NA

Packing Material Used:

none

Lab Tracking #:

2632570

Samples received via:

FEDEX UPS

Client

Date/Time:

7-30-21 1318

Table #:

MTL LAB USE ONLY

Actnum:

Template:

Prelogin:

PM:

PB:

Lab Sample Temperature Info:
Temp Blank Received: y ☒ NA
Therm ID#: 921064
Cooler 1 Temp Upon Receipt: 4.5 °C
Cooler 1 Therm Corr. Factor: -1.1 °C
Cooler 1 Corrected Temp: 4.4 °C
Comments:

Trip Blank Received:

HCL MeOH TSP Other

Non Conformance(s):

Page: 1

of: 1

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Pace Analytical

Document Name:	Sample Condition Upon Receipt(SCUR)	Document No.:	F-CAR-CS-033-Rev.07
Document Revised: October 28, 2020	Page 2 of 2	Issuing Authority:	Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation

samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

MO#: 92552651

PM: AMB
Due Date: 08/04/21
CLIENT: 92-APPEX MOOR

Item#	1	2	3	4	5	6	7	8	9	10	11	12
BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)												
BP3U-250 mL Plastic Unpreserved (N/A)												
BP2U-500 mL Plastic Unpreserved (N/A)												
BP1U-1 liter Plastic Unpreserved (N/A)												
BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)												
BP3N-250 mL plastic HNO3 (pH < 2)												
BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)												
BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)												
WGFU-Wide-mouthed Glass jar Unpreserved												
AG1U-1 liter Amber Unpreserved (N/A) (Cl-)												
AG1H-1 liter Amber HCl (pH < 2)												
AG3U-250 mL Amber Unpreserved (N/A) (Cl-)												
AG1S-1 liter Amber H2SO4 (pH < 2)												
AG3S-250 mL Amber H2SO4 (pH < 2)												
AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)												
DG9H-40 mL VOA HCl (N/A)												
VG9T-40 mL VOA Na2S2O3 (N/A)												
VG9U-40 mL VOA Unp (N/A)												
DG9P-40 mL VOA H3PO4 (N/A)												
VOAK (6 vials per kit)-5035 kit (N/A)												
V/GK (3 vials per kit)-VPH/Gas kit (N/A)												
SP5T-125 mL Sterile Plastic (N/A - lab)												
SP2T-250 mL Sterile Plastic (N/A - lab)												
BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)												
AG0U-100 mL Amber Unpreserved vials (N/A)												
VSGU-20 mL Scintillation vials (N/A)												
DG9U-40 mL Amber Unpreserved vials (N/A)												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 17, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92553562

Dear Andrew Street:

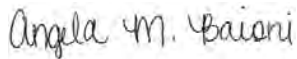
Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448

Pace Project No.: 92553562

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: 2020-L1-2448

Pace Project No.: 92553562

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553562001	RW-75 50-52	Solid	08/03/21 16:25	08/04/21 17:10
92553562002	RW-74 70-72	Solid	08/02/21 16:25	08/04/21 17:10

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448

Pace Project No.: 92553562

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553562001	RW-75 50-52	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92553562002	RW-74 70-72	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92553562

Sample: RW-75 50-52 **Lab ID: 92553562001** Collected: 08/03/21 16:25 Received: 08/04/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.6	3.6	1	08/06/21 17:50	08/07/21 03:56		N2
Aliphatic (C05-C08)	ND	mg/kg	3.6	3.6	1	08/06/21 17:50	08/07/21 03:56		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.6	3.6	1	08/06/21 17:50	08/07/21 03:56		N2
Aromatic (C09-C10)	ND	mg/kg	3.6	3.6	1	08/06/21 17:50	08/07/21 03:56		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1	08/06/21 17:50	08/07/21 03:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1	08/06/21 17:50	08/07/21 03:56	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	137	43.9	1	08/05/21 15:17	08/06/21 03:21	67-64-1	
Benzene	ND	ug/kg	6.8	2.7	1	08/05/21 15:17	08/06/21 03:21	71-43-2	
Bromobenzene	ND	ug/kg	6.8	2.2	1	08/05/21 15:17	08/06/21 03:21	108-86-1	
Bromochloromethane	ND	ug/kg	6.8	2.0	1	08/05/21 15:17	08/06/21 03:21	74-97-5	
Bromodichloromethane	ND	ug/kg	6.8	2.6	1	08/05/21 15:17	08/06/21 03:21	75-27-4	
Bromoform	ND	ug/kg	6.8	2.4	1	08/05/21 15:17	08/06/21 03:21	75-25-2	
Bromomethane	ND	ug/kg	13.7	10.8	1	08/05/21 15:17	08/06/21 03:21	74-83-9	
2-Butanone (MEK)	ND	ug/kg	137	32.8	1	08/05/21 15:17	08/06/21 03:21	78-93-3	
n-Butylbenzene	ND	ug/kg	6.8	3.2	1	08/05/21 15:17	08/06/21 03:21	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.8	3.0	1	08/05/21 15:17	08/06/21 03:21	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.8	2.4	1	08/05/21 15:17	08/06/21 03:21	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.8	2.6	1	08/05/21 15:17	08/06/21 03:21	56-23-5	
Chlorobenzene	ND	ug/kg	6.8	1.3	1	08/05/21 15:17	08/06/21 03:21	108-90-7	
Chloroethane	ND	ug/kg	13.7	5.3	1	08/05/21 15:17	08/06/21 03:21	75-00-3	
Chloroform	ND	ug/kg	6.8	4.2	1	08/05/21 15:17	08/06/21 03:21	67-66-3	
Chloromethane	ND	ug/kg	13.7	5.7	1	08/05/21 15:17	08/06/21 03:21	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.8	2.4	1	08/05/21 15:17	08/06/21 03:21	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.8	1.2	1	08/05/21 15:17	08/06/21 03:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.8	2.7	1	08/05/21 15:17	08/06/21 03:21	96-12-8	
Dibromochloromethane	ND	ug/kg	6.8	3.8	1	08/05/21 15:17	08/06/21 03:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.8	3.0	1	08/05/21 15:17	08/06/21 03:21	106-93-4	
Dibromomethane	ND	ug/kg	6.8	1.5	1	08/05/21 15:17	08/06/21 03:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.8	2.5	1	08/05/21 15:17	08/06/21 03:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.8	2.1	1	08/05/21 15:17	08/06/21 03:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.8	1.8	1	08/05/21 15:17	08/06/21 03:21	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.7	3.0	1	08/05/21 15:17	08/06/21 03:21	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.8	2.8	1	08/05/21 15:17	08/06/21 03:21	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.8	4.5	1	08/05/21 15:17	08/06/21 03:21	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.8	2.8	1	08/05/21 15:17	08/06/21 03:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.8	2.3	1	08/05/21 15:17	08/06/21 03:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.8	2.4	1	08/05/21 15:17	08/06/21 03:21	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.8	2.1	1	08/05/21 15:17	08/06/21 03:21	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.8	2.1	1	08/05/21 15:17	08/06/21 03:21	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.8	2.2	1	08/05/21 15:17	08/06/21 03:21	594-20-7	v2

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92553562

Sample: RW-75 50-52 **Lab ID: 92553562001** Collected: 08/03/21 16:25 Received: 08/04/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.8	3.3	1	08/05/21 15:17	08/06/21 03:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.8	1.9	1	08/05/21 15:17	08/06/21 03:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.8	2.4	1	08/05/21 15:17	08/06/21 03:21	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.8	1.8	1	08/05/21 15:17	08/06/21 03:21	108-20-3	
Ethylbenzene	ND	ug/kg	6.8	3.2	1	08/05/21 15:17	08/06/21 03:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	13.7	11.2	1	08/05/21 15:17	08/06/21 03:21	87-68-3	v2
2-Hexanone	ND	ug/kg	68.4	6.6	1	08/05/21 15:17	08/06/21 03:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.8	2.3	1	08/05/21 15:17	08/06/21 03:21	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.8	3.4	1	08/05/21 15:17	08/06/21 03:21	99-87-6	
Methylene Chloride	ND	ug/kg	27.4	18.7	1	08/05/21 15:17	08/06/21 03:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	68.4	6.6	1	08/05/21 15:17	08/06/21 03:21	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.8	2.6	1	08/05/21 15:17	08/06/21 03:21	1634-04-4	
Naphthalene	ND	ug/kg	6.8	3.6	1	08/05/21 15:17	08/06/21 03:21	91-20-3	
n-Propylbenzene	ND	ug/kg	6.8	2.4	1	08/05/21 15:17	08/06/21 03:21	103-65-1	
Styrene	ND	ug/kg	6.8	1.8	1	08/05/21 15:17	08/06/21 03:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.8	2.6	1	08/05/21 15:17	08/06/21 03:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.8	1.8	1	08/05/21 15:17	08/06/21 03:21	79-34-5	
Tetrachloroethene	ND	ug/kg	6.8	2.2	1	08/05/21 15:17	08/06/21 03:21	127-18-4	
Toluene	4.7J	ug/kg	6.8	1.9	1	08/05/21 15:17	08/06/21 03:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.8	5.5	1	08/05/21 15:17	08/06/21 03:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.8	5.7	1	08/05/21 15:17	08/06/21 03:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.8	3.6	1	08/05/21 15:17	08/06/21 03:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.8	2.3	1	08/05/21 15:17	08/06/21 03:21	79-00-5	
Trichloroethene	ND	ug/kg	6.8	1.8	1	08/05/21 15:17	08/06/21 03:21	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.8	3.8	1	08/05/21 15:17	08/06/21 03:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.8	3.5	1	08/05/21 15:17	08/06/21 03:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.8	1.9	1	08/05/21 15:17	08/06/21 03:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.8	2.3	1	08/05/21 15:17	08/06/21 03:21	108-67-8	
Vinyl acetate	ND	ug/kg	68.4	5.0	1	08/05/21 15:17	08/06/21 03:21	108-05-4	
Vinyl chloride	ND	ug/kg	13.7	3.5	1	08/05/21 15:17	08/06/21 03:21	75-01-4	
Xylene (Total)	ND	ug/kg	13.7	3.9	1	08/05/21 15:17	08/06/21 03:21	1330-20-7	
m&p-Xylene	ND	ug/kg	13.7	4.7	1	08/05/21 15:17	08/06/21 03:21	179601-23-1	
o-Xylene	ND	ug/kg	6.8	3.0	1	08/05/21 15:17	08/06/21 03:21	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	08/05/21 15:17	08/06/21 03:21	2037-26-5	
4-Bromofluorobenzene (S)	99	%	69-134		1	08/05/21 15:17	08/06/21 03:21	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1	08/05/21 15:17	08/06/21 03:21	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	11.3	%	0.10	0.10	1	08/05/21 15:15	N2
------------------	-------------	---	------	------	---	----------------	----

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92553562

Sample: RW-74 70-72 **Lab ID: 92553562002** Collected: 08/02/21 16:25 Received: 08/04/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	264	mg/kg	3.6	3.6	1	08/12/21 16:35	08/12/21 17:22		N2
Aliphatic (C05-C08)	207	mg/kg	3.6	3.6	1	08/12/21 16:35	08/12/21 17:22		N2
Aliphatic(C09-C12) Adjusted	42.1	mg/kg	3.6	3.6	1	08/12/21 16:35	08/12/21 17:22		N2
Aromatic (C09-C10)	14.7	mg/kg	3.6	3.6	1	08/12/21 16:35	08/12/21 17:22		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	111	%	70-130		1	08/12/21 16:35	08/12/21 17:22	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1	08/12/21 16:35	08/12/21 17:22	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	124	39.9	1	08/13/21 11:52	08/13/21 14:15	67-64-1	
Benzene	155	ug/kg	6.2	2.5	1	08/13/21 11:52	08/13/21 14:15	71-43-2	
Bromobenzene	ND	ug/kg	6.2	2.0	1	08/13/21 11:52	08/13/21 14:15	108-86-1	
Bromochloromethane	ND	ug/kg	6.2	1.8	1	08/13/21 11:52	08/13/21 14:15	74-97-5	
Bromodichloromethane	ND	ug/kg	6.2	2.4	1	08/13/21 11:52	08/13/21 14:15	75-27-4	
Bromoform	ND	ug/kg	6.2	2.2	1	08/13/21 11:52	08/13/21 14:15	75-25-2	
Bromomethane	ND	ug/kg	12.4	9.8	1	08/13/21 11:52	08/13/21 14:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	124	29.9	1	08/13/21 11:52	08/13/21 14:15	78-93-3	v2
n-Butylbenzene	60.1	ug/kg	6.2	2.9	1	08/13/21 11:52	08/13/21 14:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.2	2.7	1	08/13/21 11:52	08/13/21 14:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.2	2.2	1	08/13/21 11:52	08/13/21 14:15	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.2	2.3	1	08/13/21 11:52	08/13/21 14:15	56-23-5	
Chlorobenzene	ND	ug/kg	6.2	1.2	1	08/13/21 11:52	08/13/21 14:15	108-90-7	
Chloroethane	ND	ug/kg	12.4	4.8	1	08/13/21 11:52	08/13/21 14:15	75-00-3	
Chloroform	ND	ug/kg	6.2	3.8	1	08/13/21 11:52	08/13/21 14:15	67-66-3	
Chloromethane	ND	ug/kg	12.4	5.2	1	08/13/21 11:52	08/13/21 14:15	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.2	2.2	1	08/13/21 11:52	08/13/21 14:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.2	1.1	1	08/13/21 11:52	08/13/21 14:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.2	2.4	1	08/13/21 11:52	08/13/21 14:15	96-12-8	
Dibromochloromethane	ND	ug/kg	6.2	3.5	1	08/13/21 11:52	08/13/21 14:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.2	2.7	1	08/13/21 11:52	08/13/21 14:15	106-93-4	
Dibromomethane	ND	ug/kg	6.2	1.3	1	08/13/21 11:52	08/13/21 14:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.2	2.2	1	08/13/21 11:52	08/13/21 14:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.2	1.9	1	08/13/21 11:52	08/13/21 14:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.2	1.6	1	08/13/21 11:52	08/13/21 14:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.4	2.7	1	08/13/21 11:52	08/13/21 14:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.2	2.6	1	08/13/21 11:52	08/13/21 14:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.2	4.1	1	08/13/21 11:52	08/13/21 14:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.2	2.6	1	08/13/21 11:52	08/13/21 14:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.2	2.1	1	08/13/21 11:52	08/13/21 14:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.2	2.2	1	08/13/21 11:52	08/13/21 14:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.2	1.9	1	08/13/21 11:52	08/13/21 14:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.2	1.9	1	08/13/21 11:52	08/13/21 14:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.2	2.0	1	08/13/21 11:52	08/13/21 14:15	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92553562

Sample: RW-74 70-72 **Lab ID: 92553562002** Collected: 08/02/21 16:25 Received: 08/04/21 17:10 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.2	3.0	1	08/13/21 11:52	08/13/21 14:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.2	1.7	1	08/13/21 11:52	08/13/21 14:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.2	2.1	1	08/13/21 11:52	08/13/21 14:15	10061-02-6	
Diisopropyl ether	52.6	ug/kg	6.2	1.7	1	08/13/21 11:52	08/13/21 14:15	108-20-3	v3
Ethylbenzene	548	ug/kg	6.2	2.9	1	08/13/21 11:52	08/13/21 14:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.4	10.2	1	08/13/21 11:52	08/13/21 14:15	87-68-3	v2
2-Hexanone	ND	ug/kg	62.2	6.0	1	08/13/21 11:52	08/13/21 14:15	591-78-6	v2
Isopropylbenzene (Cumene)	51.4	ug/kg	6.2	2.1	1	08/13/21 11:52	08/13/21 14:15	98-82-8	
p-Isopropyltoluene	49.1	ug/kg	6.2	3.1	1	08/13/21 11:52	08/13/21 14:15	99-87-6	
Methylene Chloride	ND	ug/kg	24.9	17.0	1	08/13/21 11:52	08/13/21 14:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	62.2	6.0	1	08/13/21 11:52	08/13/21 14:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.2	2.3	1	08/13/21 11:52	08/13/21 14:15	1634-04-4	
Naphthalene	97.5	ug/kg	6.2	3.3	1	08/13/21 11:52	08/13/21 14:15	91-20-3	
n-Propylbenzene	187	ug/kg	6.2	2.2	1	08/13/21 11:52	08/13/21 14:15	103-65-1	
Styrene	21.2	ug/kg	6.2	1.6	1	08/13/21 11:52	08/13/21 14:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.2	2.4	1	08/13/21 11:52	08/13/21 14:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.2	1.6	1	08/13/21 11:52	08/13/21 14:15	79-34-5	
Tetrachloroethene	ND	ug/kg	6.2	2.0	1	08/13/21 11:52	08/13/21 14:15	127-18-4	
Toluene	1330	ug/kg	6.2	1.8	1	08/13/21 11:52	08/13/21 14:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.2	5.0	1	08/13/21 11:52	08/13/21 14:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.2	5.2	1	08/13/21 11:52	08/13/21 14:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.2	3.2	1	08/13/21 11:52	08/13/21 14:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.2	2.1	1	08/13/21 11:52	08/13/21 14:15	79-00-5	
Trichloroethene	ND	ug/kg	6.2	1.6	1	08/13/21 11:52	08/13/21 14:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.2	3.4	1	08/13/21 11:52	08/13/21 14:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.2	3.1	1	08/13/21 11:52	08/13/21 14:15	96-18-4	
1,2,4-Trimethylbenzene	1010	ug/kg	6.2	1.7	1	08/13/21 11:52	08/13/21 14:15	95-63-6	
1,3,5-Trimethylbenzene	283	ug/kg	6.2	2.1	1	08/13/21 11:52	08/13/21 14:15	108-67-8	
Vinyl acetate	ND	ug/kg	62.2	4.5	1	08/13/21 11:52	08/13/21 14:15	108-05-4	
Vinyl chloride	ND	ug/kg	12.4	3.2	1	08/13/21 11:52	08/13/21 14:15	75-01-4	
Xylene (Total)	2770	ug/kg	12.4	3.5	1	08/13/21 11:52	08/13/21 14:15	1330-20-7	
m&p-Xylene	2020	ug/kg	12.4	4.3	1	08/13/21 11:52	08/13/21 14:15	179601-23-1	
o-Xylene	746	ug/kg	6.2	2.8	1	08/13/21 11:52	08/13/21 14:15	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	08/13/21 11:52	08/13/21 14:15	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-134		1	08/13/21 11:52	08/13/21 14:15	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1	08/13/21 11:52	08/13/21 14:15	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	11.8	%	0.10	0.10	1		08/05/21 15:15		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

QC Batch: 638712

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Soil

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553562001

METHOD BLANK: 3353525

Matrix: Solid

Associated Lab Samples: 92553562001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	08/06/21 17:00	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	08/06/21 17:00	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		08/06/21 17:00	
4-Bromofluorobenzene (PID) (S)	%	105	70-130		08/06/21 17:00	

LABORATORY CONTROL SAMPLE & LCSD: 3353526

3353527

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	18.9	15.0	126	100	70-130	23	25	N2
Aromatic (C09-C10)	mg/kg	5	5.7	5.2	114	103	70-130	10	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				105	103	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

QC Batch: 640028

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Soil

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553562002

METHOD BLANK: 3359336

Matrix: Solid

Associated Lab Samples: 92553562002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	08/12/21 16:53	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	08/12/21 16:53	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		08/12/21 16:53	
4-Bromofluorobenzene (PID) (S)	%	110	70-130		08/12/21 16:53	

LABORATORY CONTROL SAMPLE & LCSD: 3359337

3359338

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	14.8	13.1	98	87	70-130	12	25	N2
Aromatic (C09-C10)	mg/kg	5	6.1	5.4	122	108	70-130	12	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	103	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

QC Batch: 638405

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553562001

METHOD BLANK: 3351574

Matrix: Solid

Associated Lab Samples: 92553562001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	08/05/21 23:34	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	08/05/21 23:34	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	08/05/21 23:34	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	08/05/21 23:34	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	08/05/21 23:34	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	08/05/21 23:34	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	08/05/21 23:34	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	08/05/21 23:34	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	08/05/21 23:34	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	08/05/21 23:34	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	08/05/21 23:34	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	08/05/21 23:34	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	08/05/21 23:34	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	08/05/21 23:34	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	08/05/21 23:34	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	08/05/21 23:34	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	08/05/21 23:34	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	08/05/21 23:34	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	08/05/21 23:34	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	08/05/21 23:34	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	08/05/21 23:34	v2
2-Butanone (MEK)	ug/kg	ND	100	24.0	08/05/21 23:34	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	08/05/21 23:34	
2-Hexanone	ug/kg	ND	50.0	4.8	08/05/21 23:34	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	08/05/21 23:34	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	08/05/21 23:34	
Acetone	ug/kg	ND	100	32.1	08/05/21 23:34	
Benzene	ug/kg	ND	5.0	2.0	08/05/21 23:34	
Bromobenzene	ug/kg	ND	5.0	1.6	08/05/21 23:34	
Bromochloromethane	ug/kg	ND	5.0	1.5	08/05/21 23:34	
Bromodichloromethane	ug/kg	ND	5.0	1.9	08/05/21 23:34	
Bromoform	ug/kg	ND	5.0	1.8	08/05/21 23:34	
Bromomethane	ug/kg	ND	10.0	7.9	08/05/21 23:34	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	08/05/21 23:34	
Chlorobenzene	ug/kg	ND	5.0	0.96	08/05/21 23:34	
Chloroethane	ug/kg	ND	10.0	3.9	08/05/21 23:34	
Chloroform	ug/kg	ND	5.0	3.0	08/05/21 23:34	
Chloromethane	ug/kg	ND	10.0	4.2	08/05/21 23:34	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	08/05/21 23:34	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	08/05/21 23:34	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

METHOD BLANK: 3351574

Matrix: Solid

Associated Lab Samples: 92553562001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	08/05/21 23:34	
Dibromomethane	ug/kg	ND	5.0	1.1	08/05/21 23:34	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	08/05/21 23:34	
Diisopropyl ether	ug/kg	ND	5.0	1.4	08/05/21 23:34	
Ethylbenzene	ug/kg	ND	5.0	2.3	08/05/21 23:34	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	08/05/21 23:34	v2
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	08/05/21 23:34	
m&p-Xylene	ug/kg	ND	10.0	3.4	08/05/21 23:34	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	08/05/21 23:34	
Methylene Chloride	ug/kg	ND	20.0	13.7	08/05/21 23:34	
n-Butylbenzene	ug/kg	ND	5.0	2.4	08/05/21 23:34	
n-Propylbenzene	ug/kg	ND	5.0	1.8	08/05/21 23:34	
Naphthalene	ug/kg	ND	5.0	2.6	08/05/21 23:34	
o-Xylene	ug/kg	ND	5.0	2.2	08/05/21 23:34	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	08/05/21 23:34	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	08/05/21 23:34	
Styrene	ug/kg	ND	5.0	1.3	08/05/21 23:34	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	08/05/21 23:34	
Tetrachloroethene	ug/kg	ND	5.0	1.6	08/05/21 23:34	
Toluene	ug/kg	ND	5.0	1.4	08/05/21 23:34	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	08/05/21 23:34	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	08/05/21 23:34	
Trichloroethene	ug/kg	ND	5.0	1.3	08/05/21 23:34	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	08/05/21 23:34	
Vinyl acetate	ug/kg	ND	50.0	3.6	08/05/21 23:34	
Vinyl chloride	ug/kg	ND	10.0	2.5	08/05/21 23:34	
Xylene (Total)	ug/kg	ND	10.0	2.8	08/05/21 23:34	
1,2-Dichloroethane-d4 (S)	%	97	70-130		08/05/21 23:34	
4-Bromofluorobenzene (S)	%	100	69-134		08/05/21 23:34	
Toluene-d8 (S)	%	98	70-130		08/05/21 23:34	

LABORATORY CONTROL SAMPLE: 3351575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1090	87	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1080	86	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1030	83	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1060	85	70-130	
1,1-Dichloroethane	ug/kg	1250	1140	91	70-130	
1,1-Dichloroethene	ug/kg	1250	1190	96	70-130	
1,1-Dichloropropene	ug/kg	1250	1080	87	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1090	87	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1090	87	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1130	90	68-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

LABORATORY CONTROL SAMPLE: 3351575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1060	85	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1090	87	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1070	86	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1150	92	70-130	
1,2-Dichloroethane	ug/kg	1250	1080	86	63-130	
1,2-Dichloropropane	ug/kg	1250	1090	88	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1040	83	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,3-Dichloropropane	ug/kg	1250	1090	87	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1060	85	70-130	
2,2-Dichloropropane	ug/kg	1250	1060	85	66-130 v3	
2-Butanone (MEK)	ug/kg	2500	1950	78	70-130	
2-Chlorotoluene	ug/kg	1250	1080	87	70-130	
2-Hexanone	ug/kg	2500	2050	82	70-130	
4-Chlorotoluene	ug/kg	1250	1060	85	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2080	83	70-130	
Acetone	ug/kg	2500	2080	83	69-130	
Benzene	ug/kg	1250	1100	88	70-130	
Bromobenzene	ug/kg	1250	1090	87	70-130	
Bromochloromethane	ug/kg	1250	1200	96	70-130	
Bromodichloromethane	ug/kg	1250	1000	80	69-130	
Bromoform	ug/kg	1250	1050	84	70-130	
Bromomethane	ug/kg	1250	1340	107	52-130	
Carbon tetrachloride	ug/kg	1250	1150	92	70-130	
Chlorobenzene	ug/kg	1250	1110	89	70-130	
Chloroethane	ug/kg	1250	1190	95	65-130	
Chloroform	ug/kg	1250	1110	88	70-130	
Chloromethane	ug/kg	1250	967	77	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1090	87	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1030	83	70-130	
Dibromochloromethane	ug/kg	1250	1150	92	70-130	
Dibromomethane	ug/kg	1250	1170	93	70-130	
Dichlorodifluoromethane	ug/kg	1250	1320	106	45-156	
Diisopropyl ether	ug/kg	1250	1010	81	70-130	
Ethylbenzene	ug/kg	1250	1170	94	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	998	80	66-130 v3	
Isopropylbenzene (Cumene)	ug/kg	1250	1090	87	70-130	
m&p-Xylene	ug/kg	2500	2170	87	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1030	83	70-130	
Methylene Chloride	ug/kg	1250	1120	90	65-130	
n-Butylbenzene	ug/kg	1250	1090	87	67-130	
n-Propylbenzene	ug/kg	1250	1070	85	70-130	
Naphthalene	ug/kg	1250	1060	85	70-130	
o-Xylene	ug/kg	1250	1080	86	70-130	
p-Isopropyltoluene	ug/kg	1250	1040	84	67-130	
sec-Butylbenzene	ug/kg	1250	1020	82	69-130	
Styrene	ug/kg	1250	1090	87	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

LABORATORY CONTROL SAMPLE: 3351575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1040	83	67-130	
Tetrachloroethene	ug/kg	1250	1090	88	70-130	
Toluene	ug/kg	1250	1090	87	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1140	91	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1120	90	68-130	
Trichloroethene	ug/kg	1250	1090	87	70-130	
Trichlorofluoromethane	ug/kg	1250	1130	90	70-130	
Vinyl acetate	ug/kg	2500	2250	90	70-130	
Vinyl chloride	ug/kg	1250	1210	96	61-130	
Xylene (Total)	ug/kg	3750	3250	87	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			100	69-134	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 3351577

Parameter	Units	92553648002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	608	549	90	70-131	
1,1,1-Trichloroethane	ug/kg	ND	608	562	92	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	608	497	82	66-130	
1,1,2-Trichloroethane	ug/kg	ND	608	521	86	66-133	
1,1-Dichloroethane	ug/kg	ND	608	570	94	65-130	
1,1-Dichloroethene	ug/kg	ND	608	590	97	10-158	
1,1-Dichloropropene	ug/kg	ND	608	553	91	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	608	589	97	27-138	
1,2,3-Trichloropropane	ug/kg	ND	608	510	84	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	608	602	99	51-134	
1,2,4-Trimethylbenzene	ug/kg	6.9	608	544	88	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	608	500	82	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	608	542	89	70-130	
1,2-Dichlorobenzene	ug/kg	ND	608	588	97	69-130	
1,2-Dichloroethane	ug/kg	ND	608	547	90	59-130	
1,2-Dichloropropane	ug/kg	ND	608	571	94	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	608	535	88	65-137	
1,3-Dichlorobenzene	ug/kg	ND	608	566	93	70-130	
1,3-Dichloropropane	ug/kg	ND	608	557	92	70-130	
1,4-Dichlorobenzene	ug/kg	ND	608	546	90	68-130	
2,2-Dichloropropane	ug/kg	ND	608	486	80	32-130 v3	
2-Butanone (MEK)	ug/kg	ND	1220	882	72	10-136	
2-Chlorotoluene	ug/kg	ND	608	531	87	69-141	
2-Hexanone	ug/kg	ND	1220	906	74	10-144	
4-Chlorotoluene	ug/kg	ND	608	515	85	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1220	916	75	25-143	
Acetone	ug/kg	ND	1220	870	71	10-130	
Benzene	ug/kg	ND	608	589	97	67-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

MATRIX SPIKE SAMPLE:		3351577					
Parameter	Units	92553648002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	608	535	88	70-130	
Bromochloromethane	ug/kg	ND	608	570	94	69-134	
Bromodichloromethane	ug/kg	ND	608	478	79	64-130	
Bromoform	ug/kg	ND	608	470	77	62-130	
Bromomethane	ug/kg	ND	608	391	64	20-176	
Carbon tetrachloride	ug/kg	ND	608	540	89	65-140	
Chlorobenzene	ug/kg	ND	608	578	95	70-130	
Chloroethane	ug/kg	ND	608	258	41	10-130	
Chloroform	ug/kg	ND	608	561	92	63-130	
Chloromethane	ug/kg	ND	608	535	88	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	608	548	90	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	608	507	83	67-130	
Dibromochloromethane	ug/kg	ND	608	547	90	67-130	
Dibromomethane	ug/kg	ND	608	570	94	63-131	
Dichlorodifluoromethane	ug/kg	ND	608	641	105	44-180	
Diisopropyl ether	ug/kg	ND	608	513	84	63-130	
Ethylbenzene	ug/kg	ND	608	603	99	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	608	583	96	64-150 v3	
Isopropylbenzene (Cumene)	ug/kg	ND	608	559	92	69-135	
m&p-Xylene	ug/kg	ND	1220	1130	92	60-133	
Methyl-tert-butyl ether	ug/kg	ND	608	516	85	65-130	
Methylene Chloride	ug/kg	ND	608	551	91	61-130	
n-Butylbenzene	ug/kg	ND	608	558	92	65-140	
n-Propylbenzene	ug/kg	ND	608	536	88	67-140	
Naphthalene	ug/kg	ND	608	542	88	15-145	
o-Xylene	ug/kg	ND	608	555	91	66-133	
p-Isopropyltoluene	ug/kg	ND	608	555	91	56-147	
sec-Butylbenzene	ug/kg	ND	608	537	88	65-139	
Styrene	ug/kg	ND	608	539	89	70-132	
tert-Butylbenzene	ug/kg	ND	608	558	92	62-135	
Tetrachloroethene	ug/kg	ND	608	582	96	70-135	
Toluene	ug/kg	ND	608	565	92	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	608	572	94	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	608	538	88	62-130	
Trichloroethene	ug/kg	ND	608	579	95	70-135	
Trichlorofluoromethane	ug/kg	ND	608	308	51	10-130	
Vinyl acetate	ug/kg	ND	1220	1060	87	53-130	
Vinyl chloride	ug/kg	ND	608	634	104	61-148	
Xylene (Total)	ug/kg	ND	1820	1680	92	63-132	
1,2-Dichloroethane-d4 (S)	%				95	70-130	
4-Bromofluorobenzene (S)	%				99	69-134	
Toluene-d8 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

SAMPLE DUPLICATE: 3351576

Parameter	Units	92553648001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	13.4	12.3	8	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	12.8	13.4	4	30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30 v2	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	5.4J		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30 v2	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

SAMPLE DUPLICATE: 3351576

Parameter	Units	92553648001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	25.9	24.2	7	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	13.5	12.6	7	30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	18.4	17.3	7	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	39.4	36.8	7	30	
1,2-Dichloroethane-d4 (S)	%	94	94			
4-Bromofluorobenzene (S)	%	98	97			
Toluene-d8 (S)	%	98	98			

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

QC Batch: 640264

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553562002

METHOD BLANK: 3360351

Matrix: Solid

Associated Lab Samples: 92553562002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	08/13/21 12:12	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	08/13/21 12:12	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	08/13/21 12:12	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	08/13/21 12:12	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	08/13/21 12:12	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	08/13/21 12:12	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	08/13/21 12:12	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	08/13/21 12:12	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	08/13/21 12:12	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	08/13/21 12:12	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	08/13/21 12:12	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	08/13/21 12:12	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	08/13/21 12:12	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	08/13/21 12:12	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	08/13/21 12:12	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	08/13/21 12:12	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	08/13/21 12:12	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	08/13/21 12:12	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	08/13/21 12:12	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	08/13/21 12:12	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	08/13/21 12:12	
2-Butanone (MEK)	ug/kg	ND	100	24.0	08/13/21 12:12	v2
2-Chlorotoluene	ug/kg	ND	5.0	1.8	08/13/21 12:12	
2-Hexanone	ug/kg	ND	50.0	4.8	08/13/21 12:12	v2
4-Chlorotoluene	ug/kg	ND	5.0	0.88	08/13/21 12:12	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	08/13/21 12:12	
Acetone	ug/kg	ND	100	32.1	08/13/21 12:12	
Benzene	ug/kg	ND	5.0	2.0	08/13/21 12:12	
Bromobenzene	ug/kg	ND	5.0	1.6	08/13/21 12:12	
Bromochloromethane	ug/kg	ND	5.0	1.5	08/13/21 12:12	
Bromodichloromethane	ug/kg	ND	5.0	1.9	08/13/21 12:12	
Bromoform	ug/kg	ND	5.0	1.8	08/13/21 12:12	
Bromomethane	ug/kg	ND	10.0	7.9	08/13/21 12:12	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	08/13/21 12:12	
Chlorobenzene	ug/kg	ND	5.0	0.96	08/13/21 12:12	
Chloroethane	ug/kg	ND	10.0	3.9	08/13/21 12:12	
Chloroform	ug/kg	ND	5.0	3.0	08/13/21 12:12	
Chloromethane	ug/kg	ND	10.0	4.2	08/13/21 12:12	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	08/13/21 12:12	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	08/13/21 12:12	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

METHOD BLANK: 3360351

Matrix: Solid

Associated Lab Samples: 92553562002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	08/13/21 12:12	
Dibromomethane	ug/kg	ND	5.0	1.1	08/13/21 12:12	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	08/13/21 12:12	
Diisopropyl ether	ug/kg	ND	5.0	1.4	08/13/21 12:12	v2
Ethylbenzene	ug/kg	ND	5.0	2.3	08/13/21 12:12	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	08/13/21 12:12	v2
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	08/13/21 12:12	
m&p-Xylene	ug/kg	ND	10.0	3.4	08/13/21 12:12	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	08/13/21 12:12	
Methylene Chloride	ug/kg	ND	20.0	13.7	08/13/21 12:12	
n-Butylbenzene	ug/kg	ND	5.0	2.4	08/13/21 12:12	
n-Propylbenzene	ug/kg	ND	5.0	1.8	08/13/21 12:12	
Naphthalene	ug/kg	ND	5.0	2.6	08/13/21 12:12	
o-Xylene	ug/kg	ND	5.0	2.2	08/13/21 12:12	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	08/13/21 12:12	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	08/13/21 12:12	
Styrene	ug/kg	ND	5.0	1.3	08/13/21 12:12	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	08/13/21 12:12	
Tetrachloroethene	ug/kg	ND	5.0	1.6	08/13/21 12:12	
Toluene	ug/kg	ND	5.0	1.4	08/13/21 12:12	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	08/13/21 12:12	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	08/13/21 12:12	
Trichloroethene	ug/kg	ND	5.0	1.3	08/13/21 12:12	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	08/13/21 12:12	
Vinyl acetate	ug/kg	ND	50.0	3.6	08/13/21 12:12	
Vinyl chloride	ug/kg	ND	10.0	2.5	08/13/21 12:12	
Xylene (Total)	ug/kg	ND	10.0	2.8	08/13/21 12:12	
1,2-Dichloroethane-d4 (S)	%	101	70-130		08/13/21 12:12	
4-Bromofluorobenzene (S)	%	100	69-134		08/13/21 12:12	
Toluene-d8 (S)	%	99	70-130		08/13/21 12:12	

LABORATORY CONTROL SAMPLE: 3360352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1090	87	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1080	86	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1020	82	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1070	86	70-130	
1,1-Dichloroethane	ug/kg	1250	1130	90	70-130	
1,1-Dichloroethene	ug/kg	1250	1160	93	70-130	
1,1-Dichloropropene	ug/kg	1250	1080	87	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1150	92	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1080	86	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1140	91	68-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

LABORATORY CONTROL SAMPLE: 3360352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1090	87	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1090	87	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1060	85	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1160	93	70-130	
1,2-Dichloroethane	ug/kg	1250	1080	86	63-130	
1,2-Dichloropropane	ug/kg	1250	1120	90	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1090	88	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1210	97	70-130	
1,3-Dichloropropane	ug/kg	1250	1060	85	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1080	86	70-130	
2,2-Dichloropropane	ug/kg	1250	1130	90	66-130	
2-Butanone (MEK)	ug/kg	2500	1930	77	70-130 v3	
2-Chlorotoluene	ug/kg	1250	1100	88	70-130	
2-Hexanone	ug/kg	2500	1970	79	70-130 v3	
4-Chlorotoluene	ug/kg	1250	1060	85	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2060	82	70-130	
Acetone	ug/kg	2500	2130	85	69-130	
Benzene	ug/kg	1250	1090	87	70-130	
Bromobenzene	ug/kg	1250	1100	88	70-130	
Bromochloromethane	ug/kg	1250	1210	97	70-130	
Bromodichloromethane	ug/kg	1250	1080	86	69-130	
Bromoform	ug/kg	1250	1070	86	70-130	
Bromomethane	ug/kg	1250	1480	119	52-130	
Carbon tetrachloride	ug/kg	1250	1160	93	70-130	
Chlorobenzene	ug/kg	1250	1090	87	70-130	
Chloroethane	ug/kg	1250	1360	109	65-130	
Chloroform	ug/kg	1250	1140	92	70-130	
Chloromethane	ug/kg	1250	1060	85	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1120	90	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1060	84	70-130	
Dibromochloromethane	ug/kg	1250	1100	88	70-130	
Dibromomethane	ug/kg	1250	1150	92	70-130	
Dichlorodifluoromethane	ug/kg	1250	1430	114	45-156	
Diisopropyl ether	ug/kg	1250	994	80	70-130 v3	
Ethylbenzene	ug/kg	1250	1170	94	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	996	80	66-130 v3	
Isopropylbenzene (Cumene)	ug/kg	1250	1120	89	70-130	
m&p-Xylene	ug/kg	2500	2180	87	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1010	81	70-130	
Methylene Chloride	ug/kg	1250	1170	94	65-130	
n-Butylbenzene	ug/kg	1250	1110	89	67-130	
n-Propylbenzene	ug/kg	1250	1100	88	70-130	
Naphthalene	ug/kg	1250	1080	86	70-130	
o-Xylene	ug/kg	1250	1090	87	70-130	
p-Isopropyltoluene	ug/kg	1250	1070	86	67-130	
sec-Butylbenzene	ug/kg	1250	1040	83	69-130	
Styrene	ug/kg	1250	1090	88	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

LABORATORY CONTROL SAMPLE: 3360352

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1060	85	67-130	
Tetrachloroethene	ug/kg	1250	1110	89	70-130	
Toluene	ug/kg	1250	1090	87	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1140	91	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1150	92	68-130	
Trichloroethene	ug/kg	1250	1070	86	70-130	
Trichlorofluoromethane	ug/kg	1250	1160	93	70-130	
Vinyl acetate	ug/kg	2500	2310	93	70-130	
Vinyl chloride	ug/kg	1250	1340	107	61-130	
Xylene (Total)	ug/kg	3750	3260	87	70-130	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			99	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360353 3360354

Parameter	Units	92554992010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	3180	3180	2640	2820	83	89	70-131	7	30	
1,1,1-Trichloroethane	ug/kg	ND	3180	3180	2670	2860	84	90	65-133	7	30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	3180	3180	2370	2490	75	78	66-130	5	30	
1,1,2-Trichloroethane	ug/kg	ND	3180	3180	2410	2550	76	80	66-133	6	30	
1,1-Dichloroethane	ug/kg	ND	3180	3180	2720	2960	86	93	65-130	8	30	
1,1-Dichloroethene	ug/kg	ND	3180	3180	2830	3070	89	97	10-158	8	30	
1,1-Dichloropropene	ug/kg	ND	3180	3180	2730	2960	86	93	68-133	8	30	
1,2,3-Trichlorobenzene	ug/kg	ND	3180	3180	3380	3530	106	111	27-138	4	30	
1,2,3-Trichloropropane	ug/kg	ND	3180	3180	2470	2590	78	81	67-130	5	30	
1,2,4-Trichlorobenzene	ug/kg	ND	3180	3180	3490	3620	110	114	51-134	4	30	
1,2,4-Trimethylbenzene	ug/kg	ND	3180	3180	2930	3100	92	97	63-136	6	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	3180	3180	2540	2640	80	83	32-130	4	30	
1,2-Dibromoethane (EDB)	ug/kg	ND	3180	3180	2440	2600	77	82	70-130	6	30	
1,2-Dichlorobenzene	ug/kg	ND	3180	3180	3030	3180	95	100	69-130	5	30	
1,2-Dichloroethane	ug/kg	ND	3180	3180	2550	2690	80	85	59-130	5	30	
1,2-Dichloropropane	ug/kg	ND	3180	3180	2650	2780	83	87	70-130	5	30	
1,3,5-Trimethylbenzene	ug/kg	ND	3180	3180	2900	3100	91	98	65-137	7	30	
1,3-Dichlorobenzene	ug/kg	ND	3180	3180	2960	3080	93	97	70-130	4	30	
1,3-Dichloropropane	ug/kg	ND	3180	3180	2540	2700	80	85	70-130	6	30	
1,4-Dichlorobenzene	ug/kg	ND	3180	3180	2750	2970	86	93	68-130	8	30	
2,2-Dichloropropane	ug/kg	ND	3180	3180	2760	3020	87	95	32-130	9	30	
2-Butanone (MEK)	ug/kg	856	6360	6360	5460	5480	72	73	10-136	0	30 v3	
2-Chlorotoluene	ug/kg	ND	3180	3180	2760	2950	87	93	69-141	7	30	
2-Hexanone	ug/kg	ND	6360	6360	4640	4820	73	76	10-144	4	30 v3	
4-Chlorotoluene	ug/kg	ND	3180	3180	2670	2760	84	87	70-132	3	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	6360	6360	4560	4650	72	73	25-143	2	30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360353 3360354											
Parameter	Units	92554992010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Acetone	ug/kg	2080	6360	6360	6840	7250	75	81	10-130	6	30
Benzene	ug/kg	ND	3180	3180	2680	2890	84	91	67-130	8	30
Bromobenzene	ug/kg	ND	3180	3180	2600	2760	82	87	70-130	6	30
Bromochloromethane	ug/kg	ND	3180	3180	2540	2700	80	85	69-134	6	30
Bromodichloromethane	ug/kg	ND	3180	3180	2440	2600	77	82	64-130	7	30
Bromoform	ug/kg	ND	3180	3180	2290	2450	72	77	62-130	7	30
Bromomethane	ug/kg	62.1J	3180	3180	2900	2960	89	91	20-176	2	30
Carbon tetrachloride	ug/kg	ND	3180	3180	2680	2910	84	92	65-140	8	30
Chlorobenzene	ug/kg	ND	3180	3180	2750	2940	87	93	70-130	7	30
Chloroethane	ug/kg	ND	3180	3180	1550	1660	49	52	10-130	7	30
Chloroform	ug/kg	ND	3180	3180	2720	2920	86	92	63-130	7	30
Chloromethane	ug/kg	ND	3180	3180	3060	3230	96	101	58-130	6	30
cis-1,2-Dichloroethene	ug/kg	ND	3180	3180	2690	2890	85	91	66-130	7	30
cis-1,3-Dichloropropene	ug/kg	ND	3180	3180	2440	2560	77	81	67-130	5	30
Dibromochloromethane	ug/kg	ND	3180	3180	2540	2650	80	84	67-130	4	30
Dibromomethane	ug/kg	ND	3180	3180	2550	2680	80	84	63-131	5	30
Dichlorodifluoromethane	ug/kg	ND	3180	3180	3450	3610	108	113	44-180	5	30
Diisopropyl ether	ug/kg	ND	3180	3180	2380	2490	75	78	63-130	5	30 v3
Ethylbenzene	ug/kg	ND	3180	3180	3050	3250	96	102	66-130	6	30
Hexachloro-1,3-butadiene	ug/kg	ND	3180	3180	4260	4530	134	142	64-150	6	30 v3
Isopropylbenzene (Cumene)	ug/kg	ND	3180	3180	2960	3230	93	102	69-135	8	30
m&p-Xylene	ug/kg	ND	6360	6360	5650	6100	89	96	60-133	8	30
Methyl-tert-butyl ether	ug/kg	ND	3180	3180	2360	2460	74	77	65-130	4	30
Methylene Chloride	ug/kg	ND	3180	3180	2730	2830	86	89	61-130	4	30
n-Butylbenzene	ug/kg	ND	3180	3180	3650	3930	115	124	65-140	7	30
n-Propylbenzene	ug/kg	ND	3180	3180	2980	3170	94	100	67-140	6	30
Naphthalene	ug/kg	ND	3180	3180	2800	2890	88	91	15-145	3	30
o-Xylene	ug/kg	ND	3180	3180	2810	2960	89	93	66-133	5	30
p-Isopropyltoluene	ug/kg	542	3180	3180	3780	4090	102	112	56-147	8	30
sec-Butylbenzene	ug/kg	ND	3180	3180	3180	3390	100	107	65-139	6	30
Styrene	ug/kg	ND	3180	3180	2670	2830	84	89	70-132	6	30
tert-Butylbenzene	ug/kg	ND	3180	3180	3120	3230	98	102	62-135	4	30
Tetrachloroethene	ug/kg	ND	3180	3180	3030	3190	95	100	70-135	5	30
Toluene	ug/kg	192	3180	3180	2890	3040	85	90	67-130	5	30
trans-1,2-Dichloroethene	ug/kg	ND	3180	3180	2840	3060	89	96	69-130	7	30
trans-1,3-Dichloropropene	ug/kg	ND	3180	3180	2530	2700	80	85	62-130	6	30
Trichloroethene	ug/kg	ND	3180	3180	2710	2860	85	90	70-135	5	30
Trichlorofluoromethane	ug/kg	ND	3180	3180	1680	1790	53	56	10-130	6	30
Vinyl acetate	ug/kg	ND	6360	6360	5380	5650	85	89	53-130	5	30
Vinyl chloride	ug/kg	ND	3180	3180	3190	3430	100	108	61-148	7	30
Xylene (Total)	ug/kg	ND	9510	9510	8460	9050	89	95	63-132	7	30
1,2-Dichloroethane-d4 (S)	%						96	95	70-130		
4-Bromofluorobenzene (S)	%						100	97	69-134		
Toluene-d8 (S)	%						101	100	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92553562

QC Batch: 638399

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553562001, 92553562002

SAMPLE DUPLICATE: 3351547

Parameter	Units	92553648001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.0	5.6	6	25	N2

SAMPLE DUPLICATE: 3351548

Parameter	Units	92553637005 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.9	19.0	6	25	N2

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QUALIFIERS

Project: 2020-L1-2448

Pace Project No.: 92553562

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

v2 The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448

Pace Project No.: 92553562

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553562001	RW-75 50-52	MADEP VPH	638712	MADEP VPH	638717
92553562002	RW-74 70-72	MADEP VPH	640028	MADEP VPH	640039
92553562001	RW-75 50-52	EPA 5035A/5030B	638405	EPA 8260D	638413
92553562002	RW-74 70-72	EPA 5035A/5030B	640264	EPA 8260D	640273
92553562001	RW-75 50-52	SW-846	638399		
92553562002	RW-74 70-72	SW-846	638399		

REPORT OF LABORATORY ANALYSIS

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	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project

WO# : 92553562

PM: AMB

Due Date: 08/11/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																					3						
2																					3						
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Sample Receiving Non-Conformance Form (NCF)

Date: 8-5-21	Evaluated by: JD Pace LLC
Client: Apex Companies LLC	

WO#: 92553562	PM: AMB
CLIENT: 92-APEX MOOR	Due Date: 08/11/21

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	☒ Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

Comments/Details/Other Issues not listed above:

Received soil kit for sample RW-74 70-72, collected on 8-2-21 at 1625, not mentioned on COC.

3. Sample integrity issues: check applicable issues below and add details where appropriate:

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client: Apex Co.	Contacted per: email	
PM Initials: AMB	Date/Time: 8-10-21	

Client Comments/Instructions:

Proceed w/ analysis of additional sample.

August 17, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92554243

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

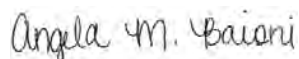
The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

A revised laboratory report is being submitted on 8/17/21 to report total VPH.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554243001	RW-70 4-48	Solid	08/06/21 10:30	08/06/21 16:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554243001	RW-70 4-48	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

Sample: RW-70 4-48 **Lab ID: 92554243001** Collected: 08/06/21 10:30 Received: 08/06/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	21100	mg/kg	128	128	40	08/12/21 16:35	08/12/21 21:12		N2
Aliphatic (C05-C08)	15200	mg/kg	128	128	40	08/12/21 16:35	08/12/21 21:12		N2
Aliphatic(C09-C12) Adjusted	4120	mg/kg	128	128	40	08/12/21 16:35	08/12/21 21:12		N2
Aromatic (C09-C10)	1770	mg/kg	128	128	40	08/12/21 16:35	08/12/21 21:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		40	08/12/21 16:35	08/12/21 21:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	97	%	70-130		40	08/12/21 16:35	08/12/21 21:12	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	40500	13000	250	08/10/21 10:38	08/10/21 17:14	67-64-1	
Benzene	130000	ug/kg	2030	807	250	08/10/21 10:38	08/10/21 17:14	71-43-2	
Bromobenzene	ND	ug/kg	2030	661	250	08/10/21 10:38	08/10/21 17:14	108-86-1	
Bromochloromethane	ND	ug/kg	2030	600	250	08/10/21 10:38	08/10/21 17:14	74-97-5	
Bromodichloromethane	ND	ug/kg	2030	782	250	08/10/21 10:38	08/10/21 17:14	75-27-4	
Bromoform	ND	ug/kg	2030	714	250	08/10/21 10:38	08/10/21 17:14	75-25-2	
Bromomethane	ND	ug/kg	4050	3200	250	08/10/21 10:38	08/10/21 17:14	74-83-9	v1
2-Butanone (MEK)	ND	ug/kg	40500	9730	250	08/10/21 10:38	08/10/21 17:14	78-93-3	
n-Butylbenzene	ND	ug/kg	2030	957	250	08/10/21 10:38	08/10/21 17:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	2030	892	250	08/10/21 10:38	08/10/21 17:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	2030	722	250	08/10/21 10:38	08/10/21 17:14	98-06-6	
Carbon tetrachloride	ND	ug/kg	2030	758	250	08/10/21 10:38	08/10/21 17:14	56-23-5	
Chlorobenzene	ND	ug/kg	2030	389	250	08/10/21 10:38	08/10/21 17:14	108-90-7	
Chloroethane	ND	ug/kg	4050	1560	250	08/10/21 10:38	08/10/21 17:14	75-00-3	
Chloroform	ND	ug/kg	2030	1230	250	08/10/21 10:38	08/10/21 17:14	67-66-3	
Chloromethane	ND	ug/kg	4050	1700	250	08/10/21 10:38	08/10/21 17:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	2030	718	250	08/10/21 10:38	08/10/21 17:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	2030	359	250	08/10/21 10:38	08/10/21 17:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	2030	786	250	08/10/21 10:38	08/10/21 17:14	96-12-8	
Dibromochloromethane	ND	ug/kg	2030	1140	250	08/10/21 10:38	08/10/21 17:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	2030	892	250	08/10/21 10:38	08/10/21 17:14	106-93-4	
Dibromomethane	ND	ug/kg	2030	434	250	08/10/21 10:38	08/10/21 17:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	2030	730	250	08/10/21 10:38	08/10/21 17:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	2030	628	250	08/10/21 10:38	08/10/21 17:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	2030	527	250	08/10/21 10:38	08/10/21 17:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	4050	880	250	08/10/21 10:38	08/10/21 17:14	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	2030	835	250	08/10/21 10:38	08/10/21 17:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	2030	1340	250	08/10/21 10:38	08/10/21 17:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	2030	835	250	08/10/21 10:38	08/10/21 17:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	2030	693	250	08/10/21 10:38	08/10/21 17:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	2030	709	250	08/10/21 10:38	08/10/21 17:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	2030	608	250	08/10/21 10:38	08/10/21 17:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	2030	632	250	08/10/21 10:38	08/10/21 17:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	2030	661	250	08/10/21 10:38	08/10/21 17:14	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

Sample: RW-70 4-48 **Lab ID: 92554243001** Collected: 08/06/21 10:30 Received: 08/06/21 16:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	2030	973	250	08/10/21 10:38	08/10/21 17:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	2030	551	250	08/10/21 10:38	08/10/21 17:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	2030	697	250	08/10/21 10:38	08/10/21 17:14	10061-02-6	
Diisopropyl ether	7130	ug/kg	2030	547	250	08/10/21 10:38	08/10/21 17:14	108-20-3	
Ethylbenzene	297000	ug/kg	2030	945	250	08/10/21 10:38	08/10/21 17:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4050	3320	250	08/10/21 10:38	08/10/21 17:14	87-68-3	
2-Hexanone	ND	ug/kg	20300	1950	250	08/10/21 10:38	08/10/21 17:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	2030	689	250	08/10/21 10:38	08/10/21 17:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	2030	997	250	08/10/21 10:38	08/10/21 17:14	99-87-6	
Methylene Chloride	ND	ug/kg	8110	5550	250	08/10/21 10:38	08/10/21 17:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	20300	1950	250	08/10/21 10:38	08/10/21 17:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	2030	758	250	08/10/21 10:38	08/10/21 17:14	1634-04-4	
Naphthalene	87300	ug/kg	2030	1070	250	08/10/21 10:38	08/10/21 17:14	91-20-3	
n-Propylbenzene	ND	ug/kg	2030	722	250	08/10/21 10:38	08/10/21 17:14	103-65-1	
Styrene	13200	ug/kg	2030	535	250	08/10/21 10:38	08/10/21 17:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	2030	778	250	08/10/21 10:38	08/10/21 17:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	2030	535	250	08/10/21 10:38	08/10/21 17:14	79-34-5	
Tetrachloroethene	ND	ug/kg	2030	641	250	08/10/21 10:38	08/10/21 17:14	127-18-4	
Toluene	1270000	ug/kg	2030	576	250	08/10/21 10:38	08/10/21 17:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	2030	1640	250	08/10/21 10:38	08/10/21 17:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	2030	1700	250	08/10/21 10:38	08/10/21 17:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	2030	1050	250	08/10/21 10:38	08/10/21 17:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	2030	673	250	08/10/21 10:38	08/10/21 17:14	79-00-5	
Trichloroethene	ND	ug/kg	2030	523	250	08/10/21 10:38	08/10/21 17:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	2030	1110	250	08/10/21 10:38	08/10/21 17:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	2030	1030	250	08/10/21 10:38	08/10/21 17:14	96-18-4	
1,2,4-Trimethylbenzene	557000	ug/kg	2030	555	250	08/10/21 10:38	08/10/21 17:14	95-63-6	
1,3,5-Trimethylbenzene	151000	ug/kg	2030	681	250	08/10/21 10:38	08/10/21 17:14	108-67-8	
Vinyl acetate	ND	ug/kg	20300	1480	250	08/10/21 10:38	08/10/21 17:14	108-05-4	
Vinyl chloride	ND	ug/kg	4050	1030	250	08/10/21 10:38	08/10/21 17:14	75-01-4	
Xylene (Total)	1480000	ug/kg	4050	1160	250	08/10/21 10:38	08/10/21 17:14	1330-20-7	
m&p-Xylene	1030000	ug/kg	4050	1390	250	08/10/21 10:38	08/10/21 17:14	179601-23-1	
o-Xylene	442000	ug/kg	2030	896	250	08/10/21 10:38	08/10/21 17:14	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		250	08/10/21 10:38	08/10/21 17:14	2037-26-5	
4-Bromofluorobenzene (S)	101	%	69-134		250	08/10/21 10:38	08/10/21 17:14	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		250	08/10/21 10:38	08/10/21 17:14	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	7.1	%	0.10	0.10	1		08/09/21 16:56		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

QC Batch:	640028	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554243001

METHOD BLANK: 3359336 Matrix: Solid

Associated Lab Samples: 92554243001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	08/12/21 16:53	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	08/12/21 16:53	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		08/12/21 16:53	
4-Bromofluorobenzene (PID) (S)	%	110	70-130		08/12/21 16:53	

LABORATORY CONTROL SAMPLE & LCSD: 3359337

		3359338								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15	14.8	13.1	98	87	70-130	12	25	N2
Aromatic (C09-C10)	mg/kg	5	6.1	5.4	122	108	70-130	12	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	100	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	103	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92554243

QC Batch:	639155	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	8260D 5035A 5030B
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554243001

METHOD BLANK: 3355228 Matrix: Solid
Associated Lab Samples: 92554243001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	08/10/21 12:33	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	08/10/21 12:33	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	08/10/21 12:33	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	08/10/21 12:33	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	08/10/21 12:33	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	08/10/21 12:33	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	08/10/21 12:33	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	08/10/21 12:33	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	08/10/21 12:33	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	08/10/21 12:33	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	08/10/21 12:33	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	08/10/21 12:33	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	08/10/21 12:33	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	08/10/21 12:33	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	08/10/21 12:33	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	08/10/21 12:33	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	08/10/21 12:33	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	08/10/21 12:33	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	08/10/21 12:33	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	08/10/21 12:33	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	08/10/21 12:33	
2-Butanone (MEK)	ug/kg	ND	100	24.0	08/10/21 12:33	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	08/10/21 12:33	
2-Hexanone	ug/kg	ND	50.0	4.8	08/10/21 12:33	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	08/10/21 12:33	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	08/10/21 12:33	
Acetone	ug/kg	ND	100	32.1	08/10/21 12:33	
Benzene	ug/kg	ND	5.0	2.0	08/10/21 12:33	
Bromobenzene	ug/kg	ND	5.0	1.6	08/10/21 12:33	
Bromochloromethane	ug/kg	ND	5.0	1.5	08/10/21 12:33	
Bromodichloromethane	ug/kg	ND	5.0	1.9	08/10/21 12:33	
Bromoform	ug/kg	ND	5.0	1.8	08/10/21 12:33	
Bromomethane	ug/kg	ND	10.0	7.9	08/10/21 12:33	v1
Carbon tetrachloride	ug/kg	ND	5.0	1.9	08/10/21 12:33	
Chlorobenzene	ug/kg	ND	5.0	0.96	08/10/21 12:33	
Chloroethane	ug/kg	ND	10.0	3.9	08/10/21 12:33	
Chloroform	ug/kg	ND	5.0	3.0	08/10/21 12:33	
Chloromethane	ug/kg	ND	10.0	4.2	08/10/21 12:33	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	08/10/21 12:33	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	08/10/21 12:33	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

METHOD BLANK: 3355228

Matrix: Solid

Associated Lab Samples: 92554243001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	08/10/21 12:33	
Dibromomethane	ug/kg	ND	5.0	1.1	08/10/21 12:33	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	08/10/21 12:33	v1
Diisopropyl ether	ug/kg	ND	5.0	1.4	08/10/21 12:33	
Ethylbenzene	ug/kg	ND	5.0	2.3	08/10/21 12:33	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	08/10/21 12:33	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	08/10/21 12:33	
m&p-Xylene	ug/kg	ND	10.0	3.4	08/10/21 12:33	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	08/10/21 12:33	
Methylene Chloride	ug/kg	ND	20.0	13.7	08/10/21 12:33	
n-Butylbenzene	ug/kg	ND	5.0	2.4	08/10/21 12:33	
n-Propylbenzene	ug/kg	ND	5.0	1.8	08/10/21 12:33	
Naphthalene	ug/kg	ND	5.0	2.6	08/10/21 12:33	
o-Xylene	ug/kg	ND	5.0	2.2	08/10/21 12:33	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	08/10/21 12:33	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	08/10/21 12:33	
Styrene	ug/kg	ND	5.0	1.3	08/10/21 12:33	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	08/10/21 12:33	
Tetrachloroethene	ug/kg	ND	5.0	1.6	08/10/21 12:33	
Toluene	ug/kg	ND	5.0	1.4	08/10/21 12:33	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	08/10/21 12:33	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	08/10/21 12:33	
Trichloroethene	ug/kg	ND	5.0	1.3	08/10/21 12:33	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	08/10/21 12:33	
Vinyl acetate	ug/kg	ND	50.0	3.6	08/10/21 12:33	
Vinyl chloride	ug/kg	ND	10.0	2.5	08/10/21 12:33	
Xylene (Total)	ug/kg	ND	10.0	2.8	08/10/21 12:33	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/10/21 12:33	
4-Bromofluorobenzene (S)	%	101	69-134		08/10/21 12:33	
Toluene-d8 (S)	%	100	70-130		08/10/21 12:33	

LABORATORY CONTROL SAMPLE: 3355229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1100	88	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1150	92	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1050	84	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1090	87	70-130	
1,1-Dichloroethane	ug/kg	1250	1220	98	70-130	
1,1-Dichloroethene	ug/kg	1250	1240	99	70-130	
1,1-Dichloropropene	ug/kg	1250	1140	91	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1170	93	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1100	88	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1180	94	68-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

LABORATORY CONTROL SAMPLE: 3355229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1120	89	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1090	87	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1080	86	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1180	94	70-130	
1,2-Dichloroethane	ug/kg	1250	1160	92	63-130	
1,2-Dichloropropane	ug/kg	1250	1140	91	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1100	88	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1200	96	70-130	
1,3-Dichloropropane	ug/kg	1250	1090	87	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1110	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1200	96	66-130	
2-Butanone (MEK)	ug/kg	2500	2050	82	70-130	
2-Chlorotoluene	ug/kg	1250	1110	89	70-130	
2-Hexanone	ug/kg	2500	2000	80	70-130	
4-Chlorotoluene	ug/kg	1250	1070	86	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2080	83	70-130	
Acetone	ug/kg	2500	2270	91	69-130	
Benzene	ug/kg	1250	1120	90	70-130	
Bromobenzene	ug/kg	1250	1130	91	70-130	
Bromochloromethane	ug/kg	1250	1290	103	70-130	
Bromodichloromethane	ug/kg	1250	1100	88	69-130	
Bromoform	ug/kg	1250	1090	87	70-130	
Bromomethane	ug/kg	1250	1590	127	52-130 v1	
Carbon tetrachloride	ug/kg	1250	1150	92	70-130	
Chlorobenzene	ug/kg	1250	1110	89	70-130	
Chloroethane	ug/kg	1250	1450	116	65-130	
Chloroform	ug/kg	1250	1220	97	70-130	
Chloromethane	ug/kg	1250	1180	94	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1210	97	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1090	87	70-130	
Dibromochloromethane	ug/kg	1250	1140	92	70-130	
Dibromomethane	ug/kg	1250	1170	94	70-130	
Dichlorodifluoromethane	ug/kg	1250	1510	121	45-156 v1	
Diisopropyl ether	ug/kg	1250	1080	86	70-130	
Ethylbenzene	ug/kg	1250	1170	94	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1090	87	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1100	88	70-130	
m&p-Xylene	ug/kg	2500	2200	88	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1080	87	70-130	
Methylene Chloride	ug/kg	1250	1230	99	65-130	
n-Butylbenzene	ug/kg	1250	1140	91	67-130	
n-Propylbenzene	ug/kg	1250	1100	88	70-130	
Naphthalene	ug/kg	1250	1100	88	70-130	
o-Xylene	ug/kg	1250	1100	88	70-130	
p-Isopropyltoluene	ug/kg	1250	1100	88	67-130	
sec-Butylbenzene	ug/kg	1250	1050	84	69-130	
Styrene	ug/kg	1250	1110	89	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92554243

LABORATORY CONTROL SAMPLE: 3355229

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1070	86	67-130	
Tetrachloroethene	ug/kg	1250	1120	90	70-130	
Toluene	ug/kg	1250	1110	89	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1230	98	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1180	95	68-130	
Trichloroethene	ug/kg	1250	1120	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1210	97	70-130	
Vinyl acetate	ug/kg	2500	2440	98	70-130	
Vinyl chloride	ug/kg	1250	1410	113	61-130	
Xylene (Total)	ug/kg	3750	3300	88	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			97	69-134	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355230 3355231

Parameter	Units	92553871004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	<103	10300	10300	10000	9830	97	95	70-131	2	30	
1,1,1-Trichloroethane	ug/kg	<103	10300	10300	10500	10100	102	98	65-133	4	30	
1,1,2,2-Tetrachloroethane	ug/kg	<103	10300	10300	9850	9830	96	95	66-130	0	30	
1,1,2-Trichloroethane	ug/kg	<103	10300	10300	10400	9800	100	95	66-133	6	30	
1,1-Dichloroethane	ug/kg	<103	10300	10300	11100	10500	108	102	65-130	6	30	
1,1-Dichloroethene	ug/kg	<103	10300	10300	11600	11100	113	108	10-158	4	30	
1,1-Dichloropropene	ug/kg	<103	10300	10300	10700	10300	104	100	68-133	4	30	
1,2,3-Trichlorobenzene	ug/kg	<103	10300	10300	9980	9880	97	96	27-138	1	30	
1,2,3-Trichloropropane	ug/kg	<103	10300	10300	9690	10100	94	98	67-130	4	30	
1,2,4-Trichlorobenzene	ug/kg	<103	10300	10300	10100	9850	98	96	51-134	3	30	
1,2,4-Trimethylbenzene	ug/kg	39700	10300	10300	48500	49300	85	94	63-136	2	30	
1,2-Dibromo-3-chloropropane	ug/kg	<103	10300	10300	9970	10100	97	98	32-130	1	30	
1,2-Dibromoethane (EDB)	ug/kg	<103	10300	10300	9860	9870	96	96	70-130	0	30	
1,2-Dichlorobenzene	ug/kg	<103	10300	10300	10300	9960	100	97	69-130	3	30	
1,2-Dichloroethane	ug/kg	<103	10300	10300	10300	9860	100	96	59-130	4	30	
1,2-Dichloropropane	ug/kg	<103	10300	10300	10600	9850	102	96	70-130	7	30	
1,3,5-Trimethylbenzene	ug/kg	12000	10300	10300	22300	21500	100	92	65-137	4	30	
1,3-Dichlorobenzene	ug/kg	<103	10300	10300	10500	9930	102	96	70-130	5	30	
1,3-Dichloropropane	ug/kg	<103	10300	10300	9800	9790	95	95	70-130	0	30	
1,4-Dichlorobenzene	ug/kg	<103	10300	10300	9680	9540	94	92	68-130	1	30	
2,2-Dichloropropane	ug/kg	<103	10300	10300	9100	8560	88	83	32-130	6	30	
2-Butanone (MEK)	ug/kg	1320J	20600	20600	19900	20000	90	91	10-136	0	30	
2-Chlorotoluene	ug/kg	<103	10300	10300	11000	10700	107	104	69-141	2	30	
2-Hexanone	ug/kg	<1030	20600	20600	19500	20500	94	99	10-144	5	30	
4-Chlorotoluene	ug/kg	<103	10300	10300	9570	9610	93	93	70-132	0	30	
4-Methyl-2-pentanone (MIBK)	ug/kg	1260	20600	20600	20700	20300	94	92	25-143	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355230 3355231											
Parameter	Units	92553871004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Acetone	ug/kg	2500	20600	20600	22600	23000	97	99	10-130	2	30
Benzene	ug/kg	627	10300	10300	11200	10700	103	98	67-130	5	30
Bromobenzene	ug/kg	<103	10300	10300	10100	9490	98	92	70-130	6	30
Bromochloromethane	ug/kg	<103	10300	10300	11500	10600	112	103	69-134	8	30
Bromodichloromethane	ug/kg	<103	10300	10300	10000	9560	97	93	64-130	5	30
Bromoform	ug/kg	<103	10300	10300	9490	9430	92	91	62-130	1	30
Bromomethane	ug/kg	<206	10300	10300	10800	11000	105	107	20-176	2	30 v1
Carbon tetrachloride	ug/kg	<103	10300	10300	10800	10300	105	100	65-140	5	30
Chlorobenzene	ug/kg	<103	10300	10300	10200	10100	99	98	70-130	1	30
Chloroethane	ug/kg	<206	10300	10300	13300	12300	129	119	10-130	8	30
Chloroform	ug/kg	86.0J	10300	10300	11200	10600	108	102	63-130	6	30
Chloromethane	ug/kg	<206	10300	10300	11000	10300	107	100	58-130	6	30
cis-1,2-Dichloroethene	ug/kg	<103	10300	10300	10700	10400	104	101	66-130	3	30
cis-1,3-Dichloropropene	ug/kg	<103	10300	10300	9420	8900	91	86	67-130	6	30
Dibromochloromethane	ug/kg	<103	10300	10300	10100	9950	98	97	67-130	2	30
Dibromomethane	ug/kg	<103	10300	10300	10700	10100	104	98	63-131	6	30
Dichlorodifluoromethane	ug/kg	<206	10300	10300	14700	14000	143	135	44-180	5	30 v1
Diisopropyl ether	ug/kg	<103	10300	10300	9480	9090	92	88	63-130	4	30
Ethylbenzene	ug/kg	8640	10300	10300	19400	19900	105	109	66-130	2	30
Hexachloro-1,3-butadiene	ug/kg	<206	10300	10300	9900	10100	96	97	64-150	2	30
Isopropylbenzene (Cumene)	ug/kg	<103	10300	10300	12100	12000	117	116	69-135	1	30
m&p-Xylene	ug/kg	33000	20600	20600	52700	54400	96	104	60-133	3	30
Methyl-tert-butyl ether	ug/kg	1740	10300	10300	11200	10800	92	88	65-130	4	30
Methylene Chloride	ug/kg	<412	10300	10300	11200	10500	107	100	61-130	7	30
n-Butylbenzene	ug/kg	<103	10300	10300	14000	14100	135	137	65-140	1	30
n-Propylbenzene	ug/kg	<103	10300	10300	15000	15000	146	145	67-140	0	30 M1
Naphthalene	ug/kg	10500	10300	10300	19700	20300	89	95	15-145	3	30
o-Xylene	ug/kg	15500	10300	10300	25700	26000	99	102	66-133	1	30
p-Isopropyltoluene	ug/kg	<103	10300	10300	11800	11700	115	114	56-147	1	30
sec-Butylbenzene	ug/kg	<103	10300	10300	10300	10300	100	100	65-139	0	30
Styrene	ug/kg	465	10300	10300	10700	10500	99	97	70-132	2	30
tert-Butylbenzene	ug/kg	<103	10300	10300	10600	10100	103	98	62-135	5	30
Tetrachloroethene	ug/kg	<103	10300	10300	10400	10200	100	99	70-135	1	30
Toluene	ug/kg	9410	10300	10300	19700	19300	100	96	67-130	2	30
trans-1,2-Dichloroethene	ug/kg	<103	10300	10300	11400	10800	110	105	69-130	5	30
trans-1,3-Dichloropropene	ug/kg	<103	10300	10300	10200	9780	99	95	62-130	4	30
Trichloroethene	ug/kg	<103	10300	10300	10400	9850	101	95	70-135	5	30
Trichlorofluoromethane	ug/kg	<103	10300	10300	11400	10800	111	105	10-130	5	30
Vinyl acetate	ug/kg	<1030	20600	20600	19900	19300	97	94	53-130	3	30
Vinyl chloride	ug/kg	<206	10300	10300	13400	12700	129	123	61-148	5	30
Xylene (Total)	ug/kg	48500	30900	30900	78400	80400	97	103	63-132	3	30
1,2-Dichloroethane-d4 (S)	%						95	94	70-130		
4-Bromofluorobenzene (S)	%						101	103	69-134		
Toluene-d8 (S)	%						100	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

QC Batch: 638980

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554243001

SAMPLE DUPLICATE: 3354591

Parameter	Units	92554125001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.2	8.4	9	25	N2

SAMPLE DUPLICATE: 3354849

Parameter	Units	92554274002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.5	21.6	4	25	N2

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QUALIFIERS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| v1 | The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias. |

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92554243

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554243001	RW-70 4-48	MADEP VPH	640028	MADEP VPH	640039
92554243001	RW-70 4-48	EPA 5035A/5030B	639155	EPA 8260D	639181
92554243001	RW-70 4-48	SW-846	638980		

REPORT OF LABORATORY ANALYSIS

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August 18, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92555328

Dear Andrew Street:

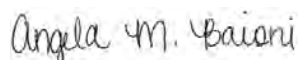
Enclosed are the analytical results for sample(s) received by the laboratory on August 12, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



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CERTIFICATIONS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92555328001	RW-77 (38-40)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92555328002	RW-77 (54-46)	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

Sample: RW-77 (38-40) **Lab ID: 92555328001** Collected: 08/11/21 16:00 Received: 08/12/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	51.3	mg/kg	3.2	1	08/16/21 14:06	08/16/21 18:01		N2
Aliphatic (C05-C08)	31.9	mg/kg	3.2	1	08/16/21 14:06	08/16/21 18:01		N2
Aliphatic(C09-C12) Adjusted	18.3	mg/kg	3.2	1	08/16/21 14:06	08/16/21 18:01		N2
Aromatic (C09-C10)	ND	mg/kg	3.2	1	08/16/21 14:06	08/16/21 18:01		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	118	%	70-130	1	08/16/21 14:06	08/16/21 18:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	111	%	70-130	1	08/16/21 14:06	08/16/21 18:01	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	122	1	08/17/21 10:41	08/17/21 13:44	67-64-1	
Benzene	106	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	75-27-4	
Bromoform	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	75-25-2	
Bromomethane	ND	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	74-83-9	L1
2-Butanone (MEK)	ND	ug/kg	122	1	08/17/21 10:41	08/17/21 13:44	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	108-90-7	
Chloroethane	ND	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	75-00-3	
Chloroform	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	67-66-3	
Chloromethane	ND	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

Sample: RW-77 (38-40) **Lab ID: 92555328001** Collected: 08/11/21 16:00 Received: 08/12/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	10061-02-6	
Diisopropyl ether	47.0	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	108-20-3	
Ethylbenzene	81.1	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	87-68-3	
2-Hexanone	ND	ug/kg	60.8	1	08/17/21 10:41	08/17/21 13:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	98-82-8	
p-Isopropyltoluene	17.8	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	99-87-6	
Methylene Chloride	ND	ug/kg	24.3	1	08/17/21 10:41	08/17/21 13:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.8	1	08/17/21 10:41	08/17/21 13:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	1634-04-4	
Naphthalene	132	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	91-20-3	
n-Propylbenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	103-65-1	
Styrene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	127-18-4	
Toluene	364	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	96-18-4	
1,2,4-Trimethylbenzene	238	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	108-67-8	
Vinyl acetate	ND	ug/kg	60.8	1	08/17/21 10:41	08/17/21 13:44	108-05-4	
Vinyl chloride	ND	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	75-01-4	
Xylene (Total)	440	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	1330-20-7	
m&p-Xylene	265	ug/kg	12.2	1	08/17/21 10:41	08/17/21 13:44	179601-23-1	
o-Xylene	175	ug/kg	6.1	1	08/17/21 10:41	08/17/21 13:44	95-47-6	
Surrogates								
Toluene-d8 (S)	99	%	70-130	1	08/17/21 10:41	08/17/21 13:44	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134	1	08/17/21 10:41	08/17/21 13:44	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1	08/17/21 10:41	08/17/21 13:44	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	15.0	%	0.10	1		08/13/21 15:31		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

Sample: RW-77 (54-46) **Lab ID: 92555328002** Collected: 08/11/21 16:05 Received: 08/12/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil								
Analytical Method: MADEP VPH Preparation Method: MADEP VPH								
Pace Analytical Services - Charlotte								
Total VPH (C5-C12)	13.1	mg/kg	3.0	1	08/16/21 14:06	08/16/21 18:29		N2
Aliphatic (C05-C08)	7.8	mg/kg	3.0	1	08/16/21 14:06	08/16/21 18:29		N2
Aliphatic(C09-C12) Adjusted	5.2	mg/kg	3.0	1	08/16/21 14:06	08/16/21 18:29		N2
Aromatic (C09-C10)	ND	mg/kg	3.0	1	08/16/21 14:06	08/16/21 18:29		N2
Surrogates								
4-Bromofluorobenzene (FID) (S)	109	%	70-130	1	08/16/21 14:06	08/16/21 18:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130	1	08/16/21 14:06	08/16/21 18:29	460-00-4	
8260D/5035A/5030B Volatiles								
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B								
Pace Analytical Services - Charlotte								
Acetone	ND	ug/kg	108	1	08/17/21 10:41	08/17/21 14:19	67-64-1	
Benzene	46.1	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	71-43-2	
Bromobenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	75-27-4	
Bromoform	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	75-25-2	
Bromomethane	ND	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	74-83-9	L1
2-Butanone (MEK)	ND	ug/kg	108	1	08/17/21 10:41	08/17/21 14:19	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	108-90-7	
Chloroethane	ND	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	75-00-3	
Chloroform	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	67-66-3	
Chloromethane	ND	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	96-12-8	
Dibromochloromethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	106-93-4	
Dibromomethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	75-71-8	v1
1,1-Dichloroethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	563-58-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

Sample: RW-77 (54-46) **Lab ID: 92555328002** Collected: 08/11/21 16:05 Received: 08/12/21 17:35 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles		Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte						
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	10061-02-6	
Diisopropyl ether	40.3	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	108-20-3	
Ethylbenzene	7.9	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	87-68-3	
2-Hexanone	ND	ug/kg	53.9	1	08/17/21 10:41	08/17/21 14:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	99-87-6	
Methylene Chloride	ND	ug/kg	21.6	1	08/17/21 10:41	08/17/21 14:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	53.9	1	08/17/21 10:41	08/17/21 14:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	103-65-1	
Styrene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	127-18-4	
Toluene	81.9	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	96-18-4	
1,2,4-Trimethylbenzene	21.5	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	95-63-6	
1,3,5-Trimethylbenzene	6.8	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	108-67-8	
Vinyl acetate	ND	ug/kg	53.9	1	08/17/21 10:41	08/17/21 14:19	108-05-4	
Vinyl chloride	ND	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	75-01-4	
Xylene (Total)	49.8	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	1330-20-7	
m&p-Xylene	33.1	ug/kg	10.8	1	08/17/21 10:41	08/17/21 14:19	179601-23-1	
o-Xylene	16.7	ug/kg	5.4	1	08/17/21 10:41	08/17/21 14:19	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	70-130	1	08/17/21 10:41	08/17/21 14:19	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134	1	08/17/21 10:41	08/17/21 14:19	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1	08/17/21 10:41	08/17/21 14:19	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	9.1	%	0.10	1		08/13/21 15:31		N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

QC Batch:	640702	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92555328001, 92555328002

METHOD BLANK: 3362574 Matrix: Solid

Associated Lab Samples: 92555328001, 92555328002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	08/16/21 15:38	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	08/16/21 15:38	N2
4-Bromofluorobenzene (FID) (S)	%	95	70-130	08/16/21 15:38	
4-Bromofluorobenzene (PID) (S)	%	101	70-130	08/16/21 15:38	

LABORATORY CONTROL SAMPLE & LCSD: 3362575		3362576								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15.1	15.6	14.2	103	94	70-130	9	25	N2
Aromatic (C09-C10)	mg/kg	5	5.9	5.6	117	110	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				99	104	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

QC Batch: 640908

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92555328001, 92555328002

METHOD BLANK: 3363617

Matrix: Solid

Associated Lab Samples: 92555328001, 92555328002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	08/17/21 12:34	
1,1,1-Trichloroethane	ug/kg	ND	5.0	08/17/21 12:34	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	08/17/21 12:34	
1,1,2-Trichloroethane	ug/kg	ND	5.0	08/17/21 12:34	
1,1-Dichloroethane	ug/kg	ND	5.0	08/17/21 12:34	
1,1-Dichloroethene	ug/kg	ND	5.0	08/17/21 12:34	
1,1-Dichloropropene	ug/kg	ND	5.0	08/17/21 12:34	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	08/17/21 12:34	
1,2,3-Trichloropropane	ug/kg	ND	5.0	08/17/21 12:34	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	08/17/21 12:34	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	08/17/21 12:34	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	08/17/21 12:34	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	08/17/21 12:34	
1,2-Dichlorobenzene	ug/kg	ND	5.0	08/17/21 12:34	
1,2-Dichloroethane	ug/kg	ND	5.0	08/17/21 12:34	
1,2-Dichloropropane	ug/kg	ND	5.0	08/17/21 12:34	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	08/17/21 12:34	
1,3-Dichlorobenzene	ug/kg	ND	5.0	08/17/21 12:34	
1,3-Dichloropropane	ug/kg	ND	5.0	08/17/21 12:34	
1,4-Dichlorobenzene	ug/kg	ND	5.0	08/17/21 12:34	
2,2-Dichloropropane	ug/kg	ND	5.0	08/17/21 12:34	
2-Butanone (MEK)	ug/kg	ND	100	08/17/21 12:34	
2-Chlorotoluene	ug/kg	ND	5.0	08/17/21 12:34	
2-Hexanone	ug/kg	ND	50.0	08/17/21 12:34	
4-Chlorotoluene	ug/kg	ND	5.0	08/17/21 12:34	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	08/17/21 12:34	
Acetone	ug/kg	ND	100	08/17/21 12:34	
Benzene	ug/kg	ND	5.0	08/17/21 12:34	
Bromobenzene	ug/kg	ND	5.0	08/17/21 12:34	
Bromochloromethane	ug/kg	ND	5.0	08/17/21 12:34	
Bromodichloromethane	ug/kg	ND	5.0	08/17/21 12:34	
Bromoform	ug/kg	ND	5.0	08/17/21 12:34	
Bromomethane	ug/kg	ND	10.0	08/17/21 12:34	
Carbon tetrachloride	ug/kg	ND	5.0	08/17/21 12:34	
Chlorobenzene	ug/kg	ND	5.0	08/17/21 12:34	
Chloroethane	ug/kg	ND	10.0	08/17/21 12:34	
Chloroform	ug/kg	ND	5.0	08/17/21 12:34	
Chloromethane	ug/kg	ND	10.0	08/17/21 12:34	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	08/17/21 12:34	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	08/17/21 12:34	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

METHOD BLANK: 3363617

Matrix: Solid

Associated Lab Samples: 92555328001, 92555328002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	08/17/21 12:34	
Dibromomethane	ug/kg	ND	5.0	08/17/21 12:34	
Dichlorodifluoromethane	ug/kg	ND	10.0	08/17/21 12:34	v1
Diisopropyl ether	ug/kg	ND	5.0	08/17/21 12:34	
Ethylbenzene	ug/kg	ND	5.0	08/17/21 12:34	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	08/17/21 12:34	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	08/17/21 12:34	
m&p-Xylene	ug/kg	ND	10.0	08/17/21 12:34	
Methyl-tert-butyl ether	ug/kg	ND	5.0	08/17/21 12:34	
Methylene Chloride	ug/kg	ND	20.0	08/17/21 12:34	
n-Butylbenzene	ug/kg	ND	5.0	08/17/21 12:34	
n-Propylbenzene	ug/kg	ND	5.0	08/17/21 12:34	
Naphthalene	ug/kg	ND	5.0	08/17/21 12:34	
o-Xylene	ug/kg	ND	5.0	08/17/21 12:34	
p-Isopropyltoluene	ug/kg	ND	5.0	08/17/21 12:34	
sec-Butylbenzene	ug/kg	ND	5.0	08/17/21 12:34	
Styrene	ug/kg	ND	5.0	08/17/21 12:34	
tert-Butylbenzene	ug/kg	ND	5.0	08/17/21 12:34	
Tetrachloroethene	ug/kg	ND	5.0	08/17/21 12:34	
Toluene	ug/kg	ND	5.0	08/17/21 12:34	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	08/17/21 12:34	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	08/17/21 12:34	
Trichloroethene	ug/kg	ND	5.0	08/17/21 12:34	
Trichlorofluoromethane	ug/kg	ND	5.0	08/17/21 12:34	
Vinyl acetate	ug/kg	ND	50.0	08/17/21 12:34	
Vinyl chloride	ug/kg	ND	10.0	08/17/21 12:34	
Xylene (Total)	ug/kg	ND	10.0	08/17/21 12:34	
1,2-Dichloroethane-d4 (S)	%	101	70-130	08/17/21 12:34	
4-Bromofluorobenzene (S)	%	101	69-134	08/17/21 12:34	
Toluene-d8 (S)	%	100	70-130	08/17/21 12:34	

LABORATORY CONTROL SAMPLE: 3363618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1110	89	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1210	97	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1040	83	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1130	91	70-130	
1,1-Dichloroethane	ug/kg	1250	1270	101	70-130	
1,1-Dichloroethene	ug/kg	1250	1330	107	70-130	
1,1-Dichloropropene	ug/kg	1250	1210	96	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1210	97	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1090	87	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1220	98	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

LABORATORY CONTROL SAMPLE: 3363618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1170	94	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1110	89	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1070	85	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1250	100	70-130	
1,2-Dichloroethane	ug/kg	1250	1200	96	63-130	
1,2-Dichloropropane	ug/kg	1250	1190	95	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1180	94	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1250	100	70-130	
1,3-Dichloropropane	ug/kg	1250	1080	86	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
2,2-Dichloropropane	ug/kg	1250	1270	102	66-130	
2-Butanone (MEK)	ug/kg	2500	2110	85	70-130	
2-Chlorotoluene	ug/kg	1250	1180	94	70-130	
2-Hexanone	ug/kg	2500	2040	82	70-130	
4-Chlorotoluene	ug/kg	1250	1150	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2210	88	70-130	
Acetone	ug/kg	2500	2300	92	69-130	
Benzene	ug/kg	1250	1180	94	70-130	
Bromobenzene	ug/kg	1250	1180	95	70-130	
Bromochloromethane	ug/kg	1250	1330	106	70-130	
Bromodichloromethane	ug/kg	1250	1160	93	69-130	
Bromoform	ug/kg	1250	1070	86	70-130	
Bromomethane	ug/kg	1250	1710	137	52-130	L1
Carbon tetrachloride	ug/kg	1250	1250	100	70-130	
Chlorobenzene	ug/kg	1250	1120	89	70-130	
Chloroethane	ug/kg	1250	1520	121	65-130	
Chloroform	ug/kg	1250	1280	102	70-130	
Chloromethane	ug/kg	1250	1260	101	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1250	100	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1130	91	70-130	
Dibromochloromethane	ug/kg	1250	1130	90	70-130	
Dibromomethane	ug/kg	1250	1230	98	70-130	
Dichlorodifluoromethane	ug/kg	1250	1730	139	45-156	v1
Diisopropyl ether	ug/kg	1250	1140	91	70-130	
Ethylbenzene	ug/kg	1250	1200	96	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1070	85	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1150	92	70-130	
m&p-Xylene	ug/kg	2500	2240	90	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1130	91	70-130	
Methylene Chloride	ug/kg	1250	1310	105	65-130	
n-Butylbenzene	ug/kg	1250	1200	96	67-130	
n-Propylbenzene	ug/kg	1250	1180	95	70-130	
Naphthalene	ug/kg	1250	1130	90	70-130	
o-Xylene	ug/kg	1250	1120	90	70-130	
p-Isopropyltoluene	ug/kg	1250	1160	93	67-130	
sec-Butylbenzene	ug/kg	1250	1120	90	69-130	
Styrene	ug/kg	1250	1110	89	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448
Pace Project No.: 92555328

LABORATORY CONTROL SAMPLE: 3363618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1160	93	67-130	
Tetrachloroethene	ug/kg	1250	1170	93	70-130	
Toluene	ug/kg	1250	1170	94	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1290	104	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1220	98	68-130	
Trichloroethene	ug/kg	1250	1150	92	70-130	
Trichlorofluoromethane	ug/kg	1250	1330	107	70-130	
Vinyl acetate	ug/kg	2500	2570	103	70-130	
Vinyl chloride	ug/kg	1250	1520	121	61-130	
Xylene (Total)	ug/kg	3750	3370	90	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			95	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3363620

Parameter	Units	92555328002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	539	508	94	70-131	
1,1,1-Trichloroethane	ug/kg	ND	539	528	98	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	539	449	83	66-130	
1,1,2-Trichloroethane	ug/kg	ND	539	489	91	66-133	
1,1-Dichloroethane	ug/kg	ND	539	540	100	65-130	
1,1-Dichloroethene	ug/kg	ND	539	564	105	10-158	
1,1-Dichloropropene	ug/kg	ND	539	535	99	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	539	557	103	27-138	
1,2,3-Trichloropropane	ug/kg	ND	539	447	83	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	539	586	109	51-134	
1,2,4-Trimethylbenzene	ug/kg	21.5	539	561	100	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	539	442	82	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	539	486	90	70-130	
1,2-Dichlorobenzene	ug/kg	ND	539	548	102	69-130	
1,2-Dichloroethane	ug/kg	ND	539	506	94	59-130	
1,2-Dichloropropane	ug/kg	ND	539	545	101	70-130	
1,3,5-Trimethylbenzene	ug/kg	6.8	539	537	98	65-137	
1,3-Dichlorobenzene	ug/kg	ND	539	538	100	70-130	
1,3-Dichloropropane	ug/kg	ND	539	485	90	70-130	
1,4-Dichlorobenzene	ug/kg	ND	539	528	98	68-130	
2,2-Dichloropropane	ug/kg	ND	539	478	89	32-130	
2-Butanone (MEK)	ug/kg	ND	1080	786	73	10-136	
2-Chlorotoluene	ug/kg	ND	539	518	96	69-141	
2-Hexanone	ug/kg	ND	1080	814	76	10-144	
4-Chlorotoluene	ug/kg	ND	539	506	94	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1080	861	80	25-143	
Acetone	ug/kg	ND	1080	940	79	10-130	
Benzene	ug/kg	46.1	539	591	101	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

MATRIX SPIKE SAMPLE:		3363620					
Parameter	Units	92555328002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	539	521	97	70-130	
Bromochloromethane	ug/kg	ND	539	519	96	69-134	
Bromodichloromethane	ug/kg	ND	539	500	93	64-130	
Bromoform	ug/kg	ND	539	426	79	62-130	
Bromomethane	ug/kg	ND	539	423	79	20-176	
Carbon tetrachloride	ug/kg	ND	539	562	104	65-140	
Chlorobenzene	ug/kg	ND	539	520	96	70-130	
Chloroethane	ug/kg	ND	539	336	62	10-130	
Chloroform	ug/kg	ND	539	541	100	63-130	
Chloromethane	ug/kg	ND	539	575	107	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	539	528	98	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	539	481	89	67-130	
Dibromochloromethane	ug/kg	ND	539	473	88	67-130	
Dibromomethane	ug/kg	ND	539	524	97	63-131	
Dichlorodifluoromethane	ug/kg	ND	539	722	134	44-180 v1	
Diisopropyl ether	ug/kg	40.3	539	513	88	63-130	
Ethylbenzene	ug/kg	7.9	539	591	108	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	539	542	101	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	539	549	102	69-135	
m&p-Xylene	ug/kg	33.1	1080	1100	99	60-133	
Methyl-tert-butyl ether	ug/kg	ND	539	508	94	65-130	
Methylene Chloride	ug/kg	ND	539	530	97	61-130	
n-Butylbenzene	ug/kg	ND	539	561	104	65-140	
n-Propylbenzene	ug/kg	ND	539	534	99	67-140	
Naphthalene	ug/kg	ND	539	549	102	15-145	
o-Xylene	ug/kg	16.7	539	531	96	66-133	
p-Isopropyltoluene	ug/kg	ND	539	528	98	56-147	
sec-Butylbenzene	ug/kg	ND	539	519	96	65-139	
Styrene	ug/kg	ND	539	504	93	70-132	
tert-Butylbenzene	ug/kg	ND	539	536	99	62-135	
Tetrachloroethene	ug/kg	ND	539	570	106	70-135	
Toluene	ug/kg	81.9	539	614	99	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	539	552	102	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	539	504	94	62-130	
Trichloroethene	ug/kg	ND	539	540	100	70-135	
Trichlorofluoromethane	ug/kg	ND	539	339	63	10-130	
Vinyl acetate	ug/kg	ND	1080	1000	93	53-130	
Vinyl chloride	ug/kg	ND	539	649	121	61-148	
Xylene (Total)	ug/kg	49.8	1620	1630	98	63-132	
1,2-Dichloroethane-d4 (S)	%				96	70-130	
4-Bromofluorobenzene (S)	%				96	69-134	
Toluene-d8 (S)	%				101	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

SAMPLE DUPLICATE: 3363619

Parameter	Units	92555328001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,1-Trichloroethane	ug/kg	ND	ND		
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,2-Trichloroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,1-Dichloropropene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		
1,2,3-Trichloropropane	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	ND		
1,2,4-Trimethylbenzene	ug/kg	238	244	3	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,2-Dichloroethane	ug/kg	ND	ND		
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	78.3J		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	135		
Benzene	ug/kg	106	109	2	
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	5.7J		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		v1
Diisopropyl ether	ug/kg	47.0	48.0	2	
Ethylbenzene	ug/kg	81.1	85.2	5	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

SAMPLE DUPLICATE: 3363619

Parameter	Units	92555328001 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/kg	265	283	7	
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	132	138	5	
o-Xylene	ug/kg	175	183	4	
p-Isopropyltoluene	ug/kg	17.8	18.9	6	
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	364	382	5	
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		
Xylene (Total)	ug/kg	440	466	6	
1,2-Dichloroethane-d4 (S)	%	98	99		
4-Bromofluorobenzene (S)	%	98	99		
Toluene-d8 (S)	%	99	100		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

QC Batch: 640355

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92555328001, 92555328002

SAMPLE DUPLICATE: 3360937

Parameter	Units	92555370002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	37.4	34.3	8	N2

SAMPLE DUPLICATE: 3360938

Parameter	Units	92555330001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	22.7	26.4	15	N2

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville 2020-L1-2448

Pace Project No.: 92555328

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92555328001	RW-77 (38-40)	MADEP VPH	640702	MADEP VPH	640708
92555328002	RW-77 (54-46)	MADEP VPH	640702	MADEP VPH	640708
92555328001	RW-77 (38-40)	EPA 5035A/5030B	640908	EPA 8260D	640922
92555328002	RW-77 (54-46)	EPA 5035A/5030B	640908	EPA 8260D	640922
92555328001	RW-77 (38-40)	SW-846	640355		
92555328002	RW-77 (54-46)	SW-846	640355		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: **Apex Companies**

Address: **5900 Northwest Blvd, Box 10, Ste 10**

Report To: **Andrew Street**

Copy To: **John Strecker**

Customer Project Name/Number: **Colonial Heightsville CPC 21018**

State: **NC** County/City: **Huntsville** Time Zone Collected: **PT** ☐ **MT** ☐ **CT** ☐ **ET**

Phone: **Site/Facility ID #:**

Collected By (print): **Samie Hampton** Purchase Order #: **DW PWS ID #:**

Collected By (signature): **Samie Hampton** Turnaround Date Required: **DW Location Code:**

Sample Disposal: **Dispose as appropriate** ☐ Return ☐ Same Day ☐ Next Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day **Field Filtered (if applicable):** ☒ Yes ☐ No **Analysis:**

*** Matrix Codes (Insert in Matrix box below):** Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID **PW-77 (38-40)** Matrix * **SL** Comp/Grab **G** Collected (or Composite Start) **8/11/21 1600** Composite End **8/11/21 1605** Res Cl **3** # of Cns **3**

PW-77 (54-56) Matrix * **SL** Comp/Grab **G** Collected (or Composite Start) **8/11/21 1605** Composite End **8/11/21 1605** Res Cl **3** # of Cns **3**

PW-77 (54-56) Matrix * **SL** Comp/Grab **G** Collected (or Composite Start) **8/11/21 1605** Composite End **8/11/21 1605** Res Cl **3** # of Cns **3**

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LA

MO# : 92555328

C

92555328



LY

der Number or

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact ☒ **Y** ☐ **N** ☐ **NA**
Custody Signatures Present ☒ **Y** ☐ **N** ☐ **NA**
Collector Signatures Present ☒ **Y** ☐ **N** ☐ **NA**
Bottles Intact ☒ **Y** ☐ **N** ☐ **NA**
Correct Bottles ☒ **Y** ☐ **N** ☐ **NA**
Sufficient Volume ☒ **Y** ☐ **N** ☐ **NA**
Samples Received on Ice ☒ **Y** ☐ **N** ☐ **NA**
VOA - Headspace Acceptable ☒ **Y** ☐ **N** ☐ **NA**
USDA Regulated Soils ☒ **Y** ☐ **N** ☐ **NA**
Samples in Holding Time ☒ **Y** ☐ **N** ☐ **NA**
Residual Chlorine Present ☒ **Y** ☐ **N** ☐ **NA**
Cl Strips: ☒ **Y** ☐ **N** ☐ **NA**
Sample pH Acceptable ☒ **Y** ☐ **N** ☐ **NA**
pH Strips: ☒ **Y** ☐ **N** ☐ **NA**
Sulfide Present ☒ **Y** ☐ **N** ☐ **NA**
Lead Acetate Strips: ☒ **Y** ☐ **N** ☐ **NA**

LAB USE ONLY:
Lab Sample # / Comments:

92555328
CO1
CEL

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: **Wet** Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): **Y** **N** **NA**

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

SHORT HOLDS PRESENT (<72 hours): **Y** ☒ **N** ☐ **NA**

Lab Tracking #:

2632960

Samples received via:

FEDEX UPS client Courier Pace Courier

Date/Time:

Table #:

Date/Time:

Table #:

Date/Time:

Table #:

Date/Time:

Table #:

Date/Time:

Table #:

Lab Sample Temperature Info:

Temp Blank Received: **Y** ☒ **N** ☐ **NA**
Therm ID#: **11066440**
Cooler 1 Temp Upon Receipt: **4.0** **OC**
Cooler 1 Therm Corr. Factor: **-0.1** **OC**
Cooler 1 Corrected Temp: **3.9** **OC**
Comments:

Trip Blank Received: **Y** ☒ **N** ☐ **NA**

HCL MeOH TSP Other

Non Conformance(s): **YES** / **NO** ☒ **YES** ☐ **NO**

Page: **1**

August 19, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: CPC Huntersville/2020-L1-2448
Pace Project No.: 92555491

Dear Andrew Street:

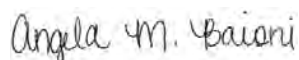
Enclosed are the analytical results for sample(s) received by the laboratory on August 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92555491001	RW-78 (14'-16')	Solid	08/13/21 14:30	08/13/21 16:37
92555491002	RW-78 (38-40')	Solid	08/13/21 14:35	08/13/21 16:37
92555491003	RW-78 (54-56')	Solid	08/13/21 14:40	08/13/21 16:37

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92555491001	RW-78 (14'-16')	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92555491002	RW-78 (38-40')	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C
92555491003	RW-78 (54-56')	MADEP VPH	MAD	6	PASI-C
		EPA 8260D	SAS	70	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Sample: RW-78 (14'-16') **Lab ID: 92555491001** Collected: 08/13/21 14:30 Received: 08/13/21 16:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.7	3.7	1	08/16/21 14:06	08/16/21 19:28		N2
Aliphatic (C05-C08)	ND	mg/kg	3.7	3.7	1	08/16/21 14:06	08/16/21 19:28		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.7	3.7	1	08/16/21 14:06	08/16/21 19:28		N2
Aromatic (C09-C10)	ND	mg/kg	3.7	3.7	1	08/16/21 14:06	08/16/21 19:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	85	%	70-130		1	08/16/21 14:06	08/16/21 19:28	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1	08/16/21 14:06	08/16/21 19:28	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	152	48.8	1	08/18/21 13:05	08/18/21 22:24	67-64-1	
Benzene	ND	ug/kg	7.6	3.0	1	08/18/21 13:05	08/18/21 22:24	71-43-2	
Bromobenzene	ND	ug/kg	7.6	2.5	1	08/18/21 13:05	08/18/21 22:24	108-86-1	
Bromochloromethane	ND	ug/kg	7.6	2.2	1	08/18/21 13:05	08/18/21 22:24	74-97-5	
Bromodichloromethane	ND	ug/kg	7.6	2.9	1	08/18/21 13:05	08/18/21 22:24	75-27-4	
Bromoform	ND	ug/kg	7.6	2.7	1	08/18/21 13:05	08/18/21 22:24	75-25-2	
Bromomethane	ND	ug/kg	15.2	12.0	1	08/18/21 13:05	08/18/21 22:24	74-83-9	
2-Butanone (MEK)	ND	ug/kg	152	36.5	1	08/18/21 13:05	08/18/21 22:24	78-93-3	
n-Butylbenzene	ND	ug/kg	7.6	3.6	1	08/18/21 13:05	08/18/21 22:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	7.6	3.3	1	08/18/21 13:05	08/18/21 22:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	7.6	2.7	1	08/18/21 13:05	08/18/21 22:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	7.6	2.8	1	08/18/21 13:05	08/18/21 22:24	56-23-5	
Chlorobenzene	ND	ug/kg	7.6	1.5	1	08/18/21 13:05	08/18/21 22:24	108-90-7	
Chloroethane	ND	ug/kg	15.2	5.9	1	08/18/21 13:05	08/18/21 22:24	75-00-3	
Chloroform	6.1J	ug/kg	7.6	4.6	1	08/18/21 13:05	08/18/21 22:24	67-66-3	
Chloromethane	ND	ug/kg	15.2	6.4	1	08/18/21 13:05	08/18/21 22:24	74-87-3	
2-Chlorotoluene	ND	ug/kg	7.6	2.7	1	08/18/21 13:05	08/18/21 22:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	7.6	1.3	1	08/18/21 13:05	08/18/21 22:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	7.6	2.9	1	08/18/21 13:05	08/18/21 22:24	96-12-8	
Dibromochloromethane	ND	ug/kg	7.6	4.3	1	08/18/21 13:05	08/18/21 22:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	7.6	3.3	1	08/18/21 13:05	08/18/21 22:24	106-93-4	
Dibromomethane	ND	ug/kg	7.6	1.6	1	08/18/21 13:05	08/18/21 22:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	7.6	2.7	1	08/18/21 13:05	08/18/21 22:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	7.6	2.4	1	08/18/21 13:05	08/18/21 22:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	7.6	2.0	1	08/18/21 13:05	08/18/21 22:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	15.2	3.3	1	08/18/21 13:05	08/18/21 22:24	75-71-8	
1,1-Dichloroethane	ND	ug/kg	7.6	3.1	1	08/18/21 13:05	08/18/21 22:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	7.6	5.0	1	08/18/21 13:05	08/18/21 22:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	7.6	3.1	1	08/18/21 13:05	08/18/21 22:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	7.6	2.6	1	08/18/21 13:05	08/18/21 22:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	7.6	2.7	1	08/18/21 13:05	08/18/21 22:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	7.6	2.3	1	08/18/21 13:05	08/18/21 22:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	7.6	2.4	1	08/18/21 13:05	08/18/21 22:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	7.6	2.5	1	08/18/21 13:05	08/18/21 22:24	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Sample: RW-78 (14'-16') **Lab ID: 92555491001** Collected: 08/13/21 14:30 Received: 08/13/21 16:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	7.6	3.6	1	08/18/21 13:05	08/18/21 22:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	7.6	2.1	1	08/18/21 13:05	08/18/21 22:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	7.6	2.6	1	08/18/21 13:05	08/18/21 22:24	10061-02-6	
Diisopropyl ether	ND	ug/kg	7.6	2.1	1	08/18/21 13:05	08/18/21 22:24	108-20-3	
Ethylbenzene	ND	ug/kg	7.6	3.5	1	08/18/21 13:05	08/18/21 22:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	15.2	12.4	1	08/18/21 13:05	08/18/21 22:24	87-68-3	
2-Hexanone	ND	ug/kg	76.0	7.3	1	08/18/21 13:05	08/18/21 22:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	7.6	2.6	1	08/18/21 13:05	08/18/21 22:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	7.6	3.7	1	08/18/21 13:05	08/18/21 22:24	99-87-6	
Methylene Chloride	ND	ug/kg	30.4	20.8	1	08/18/21 13:05	08/18/21 22:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	76.0	7.3	1	08/18/21 13:05	08/18/21 22:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	7.6	2.8	1	08/18/21 13:05	08/18/21 22:24	1634-04-4	
Naphthalene	12.5	ug/kg	7.6	4.0	1	08/18/21 13:05	08/18/21 22:24	91-20-3	
n-Propylbenzene	ND	ug/kg	7.6	2.7	1	08/18/21 13:05	08/18/21 22:24	103-65-1	
Styrene	ND	ug/kg	7.6	2.0	1	08/18/21 13:05	08/18/21 22:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	7.6	2.9	1	08/18/21 13:05	08/18/21 22:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	7.6	2.0	1	08/18/21 13:05	08/18/21 22:24	79-34-5	
Tetrachloroethene	ND	ug/kg	7.6	2.4	1	08/18/21 13:05	08/18/21 22:24	127-18-4	
Toluene	8.6	ug/kg	7.6	2.2	1	08/18/21 13:05	08/18/21 22:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	7.6	6.1	1	08/18/21 13:05	08/18/21 22:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	7.6	6.4	1	08/18/21 13:05	08/18/21 22:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	7.6	4.0	1	08/18/21 13:05	08/18/21 22:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	7.6	2.5	1	08/18/21 13:05	08/18/21 22:24	79-00-5	
Trichloroethene	ND	ug/kg	7.6	2.0	1	08/18/21 13:05	08/18/21 22:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	7.6	4.2	1	08/18/21 13:05	08/18/21 22:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	7.6	3.8	1	08/18/21 13:05	08/18/21 22:24	96-18-4	
1,2,4-Trimethylbenzene	29.8	ug/kg	7.6	2.1	1	08/18/21 13:05	08/18/21 22:24	95-63-6	
1,3,5-Trimethylbenzene	10	ug/kg	7.6	2.6	1	08/18/21 13:05	08/18/21 22:24	108-67-8	
Vinyl acetate	ND	ug/kg	76.0	5.5	1	08/18/21 13:05	08/18/21 22:24	108-05-4	
Vinyl chloride	ND	ug/kg	15.2	3.9	1	08/18/21 13:05	08/18/21 22:24	75-01-4	
Xylene (Total)	31.7	ug/kg	15.2	4.3	1	08/18/21 13:05	08/18/21 22:24	1330-20-7	
m&p-Xylene	21.0	ug/kg	15.2	5.2	1	08/18/21 13:05	08/18/21 22:24	179601-23-1	
o-Xylene	10.8	ug/kg	7.6	3.4	1	08/18/21 13:05	08/18/21 22:24	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	08/18/21 13:05	08/18/21 22:24	2037-26-5	
4-Bromofluorobenzene (S)	100	%	69-134		1	08/18/21 13:05	08/18/21 22:24	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1	08/18/21 13:05	08/18/21 22:24	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	18.5	%	0.10	0.10	1		08/16/21 12:44		N2
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Sample: RW-78 (38-40') **Lab ID: 92555491002** Collected: 08/13/21 14:35 Received: 08/13/21 16:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.1	3.1	1	08/16/21 14:06	08/16/21 19:57		N2
Aliphatic (C05-C08)	ND	mg/kg	3.1	3.1	1	08/16/21 14:06	08/16/21 19:57		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.1	3.1	1	08/16/21 14:06	08/16/21 19:57		N2
Aromatic (C09-C10)	ND	mg/kg	3.1	3.1	1	08/16/21 14:06	08/16/21 19:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1	08/16/21 14:06	08/16/21 19:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1	08/16/21 14:06	08/16/21 19:57	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	129	41.3	1	08/18/21 13:05	08/18/21 22:59	67-64-1	
Benzene	ND	ug/kg	6.4	2.6	1	08/18/21 13:05	08/18/21 22:59	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.1	1	08/18/21 13:05	08/18/21 22:59	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	1.9	1	08/18/21 13:05	08/18/21 22:59	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.5	1	08/18/21 13:05	08/18/21 22:59	75-27-4	
Bromoform	ND	ug/kg	6.4	2.3	1	08/18/21 13:05	08/18/21 22:59	75-25-2	
Bromomethane	ND	ug/kg	12.9	10.2	1	08/18/21 13:05	08/18/21 22:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	129	30.9	1	08/18/21 13:05	08/18/21 22:59	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	3.0	1	08/18/21 13:05	08/18/21 22:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.8	1	08/18/21 13:05	08/18/21 22:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.3	1	08/18/21 13:05	08/18/21 22:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.4	2.4	1	08/18/21 13:05	08/18/21 22:59	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	1.2	1	08/18/21 13:05	08/18/21 22:59	108-90-7	
Chloroethane	ND	ug/kg	12.9	5.0	1	08/18/21 13:05	08/18/21 22:59	75-00-3	
Chloroform	4.5J	ug/kg	6.4	3.9	1	08/18/21 13:05	08/18/21 22:59	67-66-3	
Chloromethane	ND	ug/kg	12.9	5.4	1	08/18/21 13:05	08/18/21 22:59	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.4	2.3	1	08/18/21 13:05	08/18/21 22:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	1.1	1	08/18/21 13:05	08/18/21 22:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	2.5	1	08/18/21 13:05	08/18/21 22:59	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	3.6	1	08/18/21 13:05	08/18/21 22:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.8	1	08/18/21 13:05	08/18/21 22:59	106-93-4	
Dibromomethane	ND	ug/kg	6.4	1.4	1	08/18/21 13:05	08/18/21 22:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.3	1	08/18/21 13:05	08/18/21 22:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	2.0	1	08/18/21 13:05	08/18/21 22:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	1.7	1	08/18/21 13:05	08/18/21 22:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.9	2.8	1	08/18/21 13:05	08/18/21 22:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	2.7	1	08/18/21 13:05	08/18/21 22:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	4.3	1	08/18/21 13:05	08/18/21 22:59	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.4	2.7	1	08/18/21 13:05	08/18/21 22:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.4	2.2	1	08/18/21 13:05	08/18/21 22:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.3	1	08/18/21 13:05	08/18/21 22:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	1.9	1	08/18/21 13:05	08/18/21 22:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.0	1	08/18/21 13:05	08/18/21 22:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.1	1	08/18/21 13:05	08/18/21 22:59	594-20-7	

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Sample: RW-78 (38-40') **Lab ID: 92555491002** Collected: 08/13/21 14:35 Received: 08/13/21 16:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	6.4	3.1	1	08/18/21 13:05	08/18/21 22:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	1.8	1	08/18/21 13:05	08/18/21 22:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	2.2	1	08/18/21 13:05	08/18/21 22:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	1.7	1	08/18/21 13:05	08/18/21 22:59	108-20-3	
Ethylbenzene	ND	ug/kg	6.4	3.0	1	08/18/21 13:05	08/18/21 22:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	12.9	10.5	1	08/18/21 13:05	08/18/21 22:59	87-68-3	
2-Hexanone	ND	ug/kg	64.4	6.2	1	08/18/21 13:05	08/18/21 22:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.2	1	08/18/21 13:05	08/18/21 22:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	3.2	1	08/18/21 13:05	08/18/21 22:59	99-87-6	
Methylene Chloride	ND	ug/kg	25.8	17.6	1	08/18/21 13:05	08/18/21 22:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.4	6.2	1	08/18/21 13:05	08/18/21 22:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	2.4	1	08/18/21 13:05	08/18/21 22:59	1634-04-4	
Naphthalene	ND	ug/kg	6.4	3.4	1	08/18/21 13:05	08/18/21 22:59	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.3	1	08/18/21 13:05	08/18/21 22:59	103-65-1	
Styrene	ND	ug/kg	6.4	1.7	1	08/18/21 13:05	08/18/21 22:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.5	1	08/18/21 13:05	08/18/21 22:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	1.7	1	08/18/21 13:05	08/18/21 22:59	79-34-5	
Tetrachloroethene	ND	ug/kg	6.4	2.0	1	08/18/21 13:05	08/18/21 22:59	127-18-4	
Toluene	ND	ug/kg	6.4	1.8	1	08/18/21 13:05	08/18/21 22:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	5.2	1	08/18/21 13:05	08/18/21 22:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	5.4	1	08/18/21 13:05	08/18/21 22:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.4	3.3	1	08/18/21 13:05	08/18/21 22:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	2.1	1	08/18/21 13:05	08/18/21 22:59	79-00-5	
Trichloroethene	ND	ug/kg	6.4	1.7	1	08/18/21 13:05	08/18/21 22:59	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	3.5	1	08/18/21 13:05	08/18/21 22:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	3.3	1	08/18/21 13:05	08/18/21 22:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	1.8	1	08/18/21 13:05	08/18/21 22:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.2	1	08/18/21 13:05	08/18/21 22:59	108-67-8	
Vinyl acetate	ND	ug/kg	64.4	4.7	1	08/18/21 13:05	08/18/21 22:59	108-05-4	
Vinyl chloride	ND	ug/kg	12.9	3.3	1	08/18/21 13:05	08/18/21 22:59	75-01-4	
Xylene (Total)	ND	ug/kg	12.9	3.7	1	08/18/21 13:05	08/18/21 22:59	1330-20-7	
m&p-Xylene	ND	ug/kg	12.9	4.4	1	08/18/21 13:05	08/18/21 22:59	179601-23-1	
o-Xylene	ND	ug/kg	6.4	2.8	1	08/18/21 13:05	08/18/21 22:59	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	08/18/21 13:05	08/18/21 22:59	2037-26-5	
4-Bromofluorobenzene (S)	98	%	69-134		1	08/18/21 13:05	08/18/21 22:59	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1	08/18/21 13:05	08/18/21 22:59	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	17.7	%	0.10	0.10	1	08/16/21 12:44	N2
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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Sample: RW-78 (54-56') **Lab ID: 92555491003** Collected: 08/13/21 14:40 Received: 08/13/21 16:37 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Soil									
Analytical Method: MADEP VPH Preparation Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	mg/kg	3.0	3.0	1	08/16/21 14:06	08/16/21 20:25		N2
Aliphatic (C05-C08)	ND	mg/kg	3.0	3.0	1	08/16/21 14:06	08/16/21 20:25		N2
Aliphatic(C09-C12) Adjusted	ND	mg/kg	3.0	3.0	1	08/16/21 14:06	08/16/21 20:25		N2
Aromatic (C09-C10)	ND	mg/kg	3.0	3.0	1	08/16/21 14:06	08/16/21 20:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1	08/16/21 14:06	08/16/21 20:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1	08/16/21 14:06	08/16/21 20:25	460-00-4	
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
Acetone	ND	ug/kg	113	36.2	1	08/18/21 13:05	08/18/21 23:16	67-64-1	
Benzene	12.2	ug/kg	5.6	2.2	1	08/18/21 13:05	08/18/21 23:16	71-43-2	
Bromobenzene	ND	ug/kg	5.6	1.8	1	08/18/21 13:05	08/18/21 23:16	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.7	1	08/18/21 13:05	08/18/21 23:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.2	1	08/18/21 13:05	08/18/21 23:16	75-27-4	
Bromoform	ND	ug/kg	5.6	2.0	1	08/18/21 13:05	08/18/21 23:16	75-25-2	
Bromomethane	ND	ug/kg	11.3	8.9	1	08/18/21 13:05	08/18/21 23:16	74-83-9	
2-Butanone (MEK)	ND	ug/kg	113	27.1	1	08/18/21 13:05	08/18/21 23:16	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.7	1	08/18/21 13:05	08/18/21 23:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	2.5	1	08/18/21 13:05	08/18/21 23:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.0	1	08/18/21 13:05	08/18/21 23:16	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.1	1	08/18/21 13:05	08/18/21 23:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	1.1	1	08/18/21 13:05	08/18/21 23:16	108-90-7	
Chloroethane	ND	ug/kg	11.3	4.4	1	08/18/21 13:05	08/18/21 23:16	75-00-3	
Chloroform	4.1J	ug/kg	5.6	3.4	1	08/18/21 13:05	08/18/21 23:16	67-66-3	
Chloromethane	ND	ug/kg	11.3	4.7	1	08/18/21 13:05	08/18/21 23:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	2.0	1	08/18/21 13:05	08/18/21 23:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	1.0	1	08/18/21 13:05	08/18/21 23:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	2.2	1	08/18/21 13:05	08/18/21 23:16	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	3.2	1	08/18/21 13:05	08/18/21 23:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.5	1	08/18/21 13:05	08/18/21 23:16	106-93-4	
Dibromomethane	ND	ug/kg	5.6	1.2	1	08/18/21 13:05	08/18/21 23:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.0	1	08/18/21 13:05	08/18/21 23:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	1.7	1	08/18/21 13:05	08/18/21 23:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.5	1	08/18/21 13:05	08/18/21 23:16	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.3	2.4	1	08/18/21 13:05	08/18/21 23:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	2.3	1	08/18/21 13:05	08/18/21 23:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	3.7	1	08/18/21 13:05	08/18/21 23:16	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	2.3	1	08/18/21 13:05	08/18/21 23:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1.9	1	08/18/21 13:05	08/18/21 23:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.0	1	08/18/21 13:05	08/18/21 23:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.7	1	08/18/21 13:05	08/18/21 23:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	1.8	1	08/18/21 13:05	08/18/21 23:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.8	1	08/18/21 13:05	08/18/21 23:16	594-20-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Sample: RW-78 (54-56') **Lab ID:** 92555491003 **Collected:** 08/13/21 14:40 **Received:** 08/13/21 16:37 **Matrix:** Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B Volatiles									
Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B									
Pace Analytical Services - Charlotte									
1,1-Dichloropropene	ND	ug/kg	5.6	2.7	1	08/18/21 13:05	08/18/21 23:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	1.5	1	08/18/21 13:05	08/18/21 23:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.9	1	08/18/21 13:05	08/18/21 23:16	10061-02-6	
Diisopropyl ether	3.2J	ug/kg	5.6	1.5	1	08/18/21 13:05	08/18/21 23:16	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.6	1	08/18/21 13:05	08/18/21 23:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	11.3	9.2	1	08/18/21 13:05	08/18/21 23:16	87-68-3	
2-Hexanone	ND	ug/kg	56.4	5.4	1	08/18/21 13:05	08/18/21 23:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1.9	1	08/18/21 13:05	08/18/21 23:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	2.8	1	08/18/21 13:05	08/18/21 23:16	99-87-6	
Methylene Chloride	ND	ug/kg	22.6	15.4	1	08/18/21 13:05	08/18/21 23:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.4	5.4	1	08/18/21 13:05	08/18/21 23:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	2.1	1	08/18/21 13:05	08/18/21 23:16	1634-04-4	
Naphthalene	ND	ug/kg	5.6	3.0	1	08/18/21 13:05	08/18/21 23:16	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	2.0	1	08/18/21 13:05	08/18/21 23:16	103-65-1	
Styrene	ND	ug/kg	5.6	1.5	1	08/18/21 13:05	08/18/21 23:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.2	1	08/18/21 13:05	08/18/21 23:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	1.5	1	08/18/21 13:05	08/18/21 23:16	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1.8	1	08/18/21 13:05	08/18/21 23:16	127-18-4	
Toluene	28.0	ug/kg	5.6	1.6	1	08/18/21 13:05	08/18/21 23:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	4.6	1	08/18/21 13:05	08/18/21 23:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	4.7	1	08/18/21 13:05	08/18/21 23:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.6	2.9	1	08/18/21 13:05	08/18/21 23:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	1.9	1	08/18/21 13:05	08/18/21 23:16	79-00-5	
Trichloroethene	ND	ug/kg	5.6	1.5	1	08/18/21 13:05	08/18/21 23:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	3.1	1	08/18/21 13:05	08/18/21 23:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	2.9	1	08/18/21 13:05	08/18/21 23:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1.5	1	08/18/21 13:05	08/18/21 23:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1.9	1	08/18/21 13:05	08/18/21 23:16	108-67-8	
Vinyl acetate	ND	ug/kg	56.4	4.1	1	08/18/21 13:05	08/18/21 23:16	108-05-4	
Vinyl chloride	ND	ug/kg	11.3	2.9	1	08/18/21 13:05	08/18/21 23:16	75-01-4	
Xylene (Total)	8.3J	ug/kg	11.3	3.2	1	08/18/21 13:05	08/18/21 23:16	1330-20-7	
m&p-Xylene	8.3J	ug/kg	11.3	3.9	1	08/18/21 13:05	08/18/21 23:16	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.5	1	08/18/21 13:05	08/18/21 23:16	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		1	08/18/21 13:05	08/18/21 23:16	2037-26-5	
4-Bromofluorobenzene (S)	97	%	69-134		1	08/18/21 13:05	08/18/21 23:16	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1	08/18/21 13:05	08/18/21 23:16	17060-07-0	

Percent Moisture

Analytical Method: SW-846

Pace Analytical Services - Charlotte

Percent Moisture	14.9	%	0.10	0.10	1	08/16/21 12:44	N2
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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

QC Batch:	640702	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Soil
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92555491001, 92555491002, 92555491003

METHOD BLANK: 3362574 Matrix: Solid

Associated Lab Samples: 92555491001, 92555491002, 92555491003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.5	2.5	08/16/21 15:38	N2
Aromatic (C09-C10)	mg/kg	ND	2.5	2.5	08/16/21 15:38	N2
4-Bromofluorobenzene (FID) (S)	%	95	70-130		08/16/21 15:38	
4-Bromofluorobenzene (PID) (S)	%	101	70-130		08/16/21 15:38	

LABORATORY CONTROL SAMPLE & LCSD: 3362575

LABORATORY CONTROL SAMPLE & LCSD: 3362575			3362576							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	15.1	15.6	14.2	103	94	70-130	9	25	N2
Aromatic (C09-C10)	mg/kg	5	5.9	5.6	117	110	70-130	6	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				99	104	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

QC Batch: 641266

Analysis Method: EPA 8260D

QC Batch Method: EPA 5035A/5030B

Analysis Description: 8260D 5035A 5030B

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92555491001, 92555491002, 92555491003

METHOD BLANK: 3365720

Matrix: Solid

Associated Lab Samples: 92555491001, 92555491002, 92555491003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	1.9	08/18/21 21:49	
1,1,1-Trichloroethane	ug/kg	ND	5.0	2.6	08/18/21 21:49	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	1.3	08/18/21 21:49	
1,1,2-Trichloroethane	ug/kg	ND	5.0	1.7	08/18/21 21:49	
1,1-Dichloroethane	ug/kg	ND	5.0	2.1	08/18/21 21:49	
1,1-Dichloroethene	ug/kg	ND	5.0	2.1	08/18/21 21:49	
1,1-Dichloropropene	ug/kg	ND	5.0	2.4	08/18/21 21:49	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	4.0	08/18/21 21:49	
1,2,3-Trichloropropane	ug/kg	ND	5.0	2.5	08/18/21 21:49	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	4.2	08/18/21 21:49	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	1.4	08/18/21 21:49	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	1.9	08/18/21 21:49	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	2.2	08/18/21 21:49	
1,2-Dichlorobenzene	ug/kg	ND	5.0	1.8	08/18/21 21:49	
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	08/18/21 21:49	
1,2-Dichloropropane	ug/kg	ND	5.0	1.5	08/18/21 21:49	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	1.7	08/18/21 21:49	
1,3-Dichlorobenzene	ug/kg	ND	5.0	1.6	08/18/21 21:49	
1,3-Dichloropropane	ug/kg	ND	5.0	1.6	08/18/21 21:49	
1,4-Dichlorobenzene	ug/kg	ND	5.0	1.3	08/18/21 21:49	
2,2-Dichloropropane	ug/kg	ND	5.0	1.6	08/18/21 21:49	
2-Butanone (MEK)	ug/kg	ND	100	24.0	08/18/21 21:49	
2-Chlorotoluene	ug/kg	ND	5.0	1.8	08/18/21 21:49	
2-Hexanone	ug/kg	ND	50.0	4.8	08/18/21 21:49	
4-Chlorotoluene	ug/kg	ND	5.0	0.88	08/18/21 21:49	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	4.8	08/18/21 21:49	
Acetone	ug/kg	ND	100	32.1	08/18/21 21:49	
Benzene	ug/kg	ND	5.0	2.0	08/18/21 21:49	
Bromobenzene	ug/kg	ND	5.0	1.6	08/18/21 21:49	
Bromochloromethane	ug/kg	ND	5.0	1.5	08/18/21 21:49	
Bromodichloromethane	ug/kg	ND	5.0	1.9	08/18/21 21:49	
Bromoform	ug/kg	ND	5.0	1.8	08/18/21 21:49	
Bromomethane	ug/kg	ND	10.0	7.9	08/18/21 21:49	
Carbon tetrachloride	ug/kg	ND	5.0	1.9	08/18/21 21:49	
Chlorobenzene	ug/kg	ND	5.0	0.96	08/18/21 21:49	
Chloroethane	ug/kg	ND	10.0	3.9	08/18/21 21:49	
Chloroform	ug/kg	ND	5.0	3.0	08/18/21 21:49	
Chloromethane	ug/kg	ND	10.0	4.2	08/18/21 21:49	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	1.7	08/18/21 21:49	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	1.4	08/18/21 21:49	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

METHOD BLANK: 3365720

Matrix: Solid

Associated Lab Samples: 92555491001, 92555491002, 92555491003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromochloromethane	ug/kg	ND	5.0	2.8	08/18/21 21:49	
Dibromomethane	ug/kg	ND	5.0	1.1	08/18/21 21:49	
Dichlorodifluoromethane	ug/kg	ND	10.0	2.2	08/18/21 21:49	
Diisopropyl ether	ug/kg	ND	5.0	1.4	08/18/21 21:49	
Ethylbenzene	ug/kg	ND	5.0	2.3	08/18/21 21:49	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	8.2	08/18/21 21:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	1.7	08/18/21 21:49	
m&p-Xylene	ug/kg	ND	10.0	3.4	08/18/21 21:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	08/18/21 21:49	
Methylene Chloride	ug/kg	ND	20.0	13.7	08/18/21 21:49	
n-Butylbenzene	ug/kg	ND	5.0	2.4	08/18/21 21:49	
n-Propylbenzene	ug/kg	ND	5.0	1.8	08/18/21 21:49	
Naphthalene	ug/kg	ND	5.0	2.6	08/18/21 21:49	
o-Xylene	ug/kg	ND	5.0	2.2	08/18/21 21:49	
p-Isopropyltoluene	ug/kg	ND	5.0	2.5	08/18/21 21:49	
sec-Butylbenzene	ug/kg	ND	5.0	2.2	08/18/21 21:49	
Styrene	ug/kg	ND	5.0	1.3	08/18/21 21:49	
tert-Butylbenzene	ug/kg	ND	5.0	1.8	08/18/21 21:49	
Tetrachloroethene	ug/kg	ND	5.0	1.6	08/18/21 21:49	
Toluene	ug/kg	ND	5.0	1.4	08/18/21 21:49	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	1.8	08/18/21 21:49	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	1.7	08/18/21 21:49	
Trichloroethene	ug/kg	ND	5.0	1.3	08/18/21 21:49	
Trichlorofluoromethane	ug/kg	ND	5.0	2.8	08/18/21 21:49	
Vinyl acetate	ug/kg	ND	50.0	3.6	08/18/21 21:49	
Vinyl chloride	ug/kg	ND	10.0	2.5	08/18/21 21:49	
Xylene (Total)	ug/kg	ND	10.0	2.8	08/18/21 21:49	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/18/21 21:49	
4-Bromofluorobenzene (S)	%	100	69-134		08/18/21 21:49	
Toluene-d8 (S)	%	100	70-130		08/18/21 21:49	

LABORATORY CONTROL SAMPLE: 3365721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	1250	1090	87	70-130	
1,1,1-Trichloroethane	ug/kg	1250	1110	89	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	1250	1070	86	70-130	
1,1,2-Trichloroethane	ug/kg	1250	1110	89	70-130	
1,1-Dichloroethane	ug/kg	1250	1160	93	70-130	
1,1-Dichloroethene	ug/kg	1250	1210	97	70-130	
1,1-Dichloropropene	ug/kg	1250	1100	88	70-130	
1,2,3-Trichlorobenzene	ug/kg	1250	1200	96	65-130	
1,2,3-Trichloropropane	ug/kg	1250	1150	92	70-130	
1,2,4-Trichlorobenzene	ug/kg	1250	1190	95	68-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

LABORATORY CONTROL SAMPLE: 3365721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1250	1110	89	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	1250	1160	93	70-130	
1,2-Dibromoethane (EDB)	ug/kg	1250	1080	87	70-130	
1,2-Dichlorobenzene	ug/kg	1250	1190	95	70-130	
1,2-Dichloroethane	ug/kg	1250	1120	90	63-130	
1,2-Dichloropropane	ug/kg	1250	1140	91	70-130	
1,3,5-Trimethylbenzene	ug/kg	1250	1110	89	70-130	
1,3-Dichlorobenzene	ug/kg	1250	1240	99	70-130	
1,3-Dichloropropane	ug/kg	1250	1100	88	70-130	
1,4-Dichlorobenzene	ug/kg	1250	1120	89	70-130	
2,2-Dichloropropane	ug/kg	1250	1100	88	66-130	
2-Butanone (MEK)	ug/kg	2500	2170	87	70-130	
2-Chlorotoluene	ug/kg	1250	1120	90	70-130	
2-Hexanone	ug/kg	2500	2250	90	70-130	
4-Chlorotoluene	ug/kg	1250	1070	86	70-130	
4-Methyl-2-pentanone (MIBK)	ug/kg	2500	2320	93	70-130	
Acetone	ug/kg	2500	2360	95	69-130	
Benzene	ug/kg	1250	1110	89	70-130	
Bromobenzene	ug/kg	1250	1120	90	70-130	
Bromochloromethane	ug/kg	1250	1240	99	70-130	
Bromodichloromethane	ug/kg	1250	1110	89	69-130	
Bromoform	ug/kg	1250	1090	88	70-130	
Bromomethane	ug/kg	1250	1490	120	52-130	
Carbon tetrachloride	ug/kg	1250	1190	96	70-130	
Chlorobenzene	ug/kg	1250	1100	88	70-130	
Chloroethane	ug/kg	1250	1400	112	65-130	
Chloroform	ug/kg	1250	1180	95	70-130	
Chloromethane	ug/kg	1250	1120	89	55-130	
cis-1,2-Dichloroethene	ug/kg	1250	1160	93	70-130	
cis-1,3-Dichloropropene	ug/kg	1250	1070	86	70-130	
Dibromochloromethane	ug/kg	1250	1130	90	70-130	
Dibromomethane	ug/kg	1250	1200	96	70-130	
Dichlorodifluoromethane	ug/kg	1250	1550	124	45-156	
Diisopropyl ether	ug/kg	1250	1040	84	70-130	
Ethylbenzene	ug/kg	1250	1190	95	70-130	
Hexachloro-1,3-butadiene	ug/kg	1250	1030	82	66-130	
Isopropylbenzene (Cumene)	ug/kg	1250	1130	90	70-130	
m&p-Xylene	ug/kg	2500	2210	88	70-130	
Methyl-tert-butyl ether	ug/kg	1250	1090	87	70-130	
Methylene Chloride	ug/kg	1250	1180	95	65-130	
n-Butylbenzene	ug/kg	1250	1130	90	67-130	
n-Propylbenzene	ug/kg	1250	1130	90	70-130	
Naphthalene	ug/kg	1250	1160	93	70-130	
o-Xylene	ug/kg	1250	1110	89	70-130	
p-Isopropyltoluene	ug/kg	1250	1090	87	67-130	
sec-Butylbenzene	ug/kg	1250	1060	85	69-130	
Styrene	ug/kg	1250	1100	88	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

LABORATORY CONTROL SAMPLE: 3365721

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/kg	1250	1080	87	67-130	
Tetrachloroethene	ug/kg	1250	1120	90	70-130	
Toluene	ug/kg	1250	1120	89	70-130	
trans-1,2-Dichloroethene	ug/kg	1250	1180	95	70-130	
trans-1,3-Dichloropropene	ug/kg	1250	1170	93	68-130	
Trichloroethene	ug/kg	1250	1130	90	70-130	
Trichlorofluoromethane	ug/kg	1250	1230	99	70-130	
Vinyl acetate	ug/kg	2500	2410	96	70-130	
Vinyl chloride	ug/kg	1250	1370	110	61-130	
Xylene (Total)	ug/kg	3750	3320	89	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			99	69-134	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 3365723

Parameter	Units	92555491002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	644	611	95	70-131	
1,1,1-Trichloroethane	ug/kg	ND	644	621	96	65-133	
1,1,2,2-Tetrachloroethane	ug/kg	ND	644	508	79	66-130	
1,1,2-Trichloroethane	ug/kg	ND	644	525	82	66-133	
1,1-Dichloroethane	ug/kg	ND	644	626	97	65-130	
1,1-Dichloroethene	ug/kg	ND	644	643	100	10-158	
1,1-Dichloropropene	ug/kg	ND	644	613	95	68-133	
1,2,3-Trichlorobenzene	ug/kg	ND	644	658	102	27-138	
1,2,3-Trichloropropane	ug/kg	ND	644	512	80	67-130	
1,2,4-Trichlorobenzene	ug/kg	ND	644	664	103	51-134	
1,2,4-Trimethylbenzene	ug/kg	ND	644	631	98	63-136	
1,2-Dibromo-3-chloropropane	ug/kg	ND	644	518	80	32-130	
1,2-Dibromoethane (EDB)	ug/kg	ND	644	555	86	70-130	
1,2-Dichlorobenzene	ug/kg	ND	644	627	97	69-130	
1,2-Dichloroethane	ug/kg	ND	644	562	87	59-130	
1,2-Dichloropropane	ug/kg	ND	644	594	92	70-130	
1,3,5-Trimethylbenzene	ug/kg	ND	644	634	98	65-137	
1,3-Dichlorobenzene	ug/kg	ND	644	640	99	70-130	
1,3-Dichloropropane	ug/kg	ND	644	574	89	70-130	
1,4-Dichlorobenzene	ug/kg	ND	644	601	93	68-130	
2,2-Dichloropropane	ug/kg	ND	644	507	79	32-130	
2-Butanone (MEK)	ug/kg	ND	1290	878	68	10-136	
2-Chlorotoluene	ug/kg	ND	644	601	93	69-141	
2-Hexanone	ug/kg	ND	1290	916	71	10-144	
4-Chlorotoluene	ug/kg	ND	644	585	91	70-132	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	1290	932	72	25-143	
Acetone	ug/kg	ND	1290	919	71	10-130	
Benzene	ug/kg	ND	644	613	95	67-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

MATRIX SPIKE SAMPLE:		3365723					
Parameter	Units	92555491002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromobenzene	ug/kg	ND	644	593	92	70-130	
Bromochloromethane	ug/kg	ND	644	597	93	69-134	
Bromodichloromethane	ug/kg	ND	644	549	85	64-130	
Bromoform	ug/kg	ND	644	493	77	62-130	
Bromomethane	ug/kg	ND	644	601	93	20-176	
Carbon tetrachloride	ug/kg	ND	644	639	99	65-140	
Chlorobenzene	ug/kg	ND	644	614	95	70-130	
Chloroethane	ug/kg	ND	644	402	62	10-130	
Chloroform	ug/kg	4.5J	644	622	96	63-130	
Chloromethane	ug/kg	ND	644	644	100	58-130	
cis-1,2-Dichloroethene	ug/kg	ND	644	602	94	66-130	
cis-1,3-Dichloropropene	ug/kg	ND	644	524	81	67-130	
Dibromochloromethane	ug/kg	ND	644	562	87	67-130	
Dibromomethane	ug/kg	ND	644	592	92	63-131	
Dichlorodifluoromethane	ug/kg	ND	644	805	125	44-180	
Diisopropyl ether	ug/kg	ND	644	532	83	63-130	
Ethylbenzene	ug/kg	ND	644	684	106	66-130	
Hexachloro-1,3-butadiene	ug/kg	ND	644	642	100	64-150	
Isopropylbenzene (Cumene)	ug/kg	ND	644	660	102	69-135	
m&p-Xylene	ug/kg	ND	1290	1270	98	60-133	
Methyl-tert-butyl ether	ug/kg	ND	644	530	82	65-130	
Methylene Chloride	ug/kg	ND	644	586	91	61-130	
n-Butylbenzene	ug/kg	ND	644	650	101	65-140	
n-Propylbenzene	ug/kg	ND	644	626	97	67-140	
Naphthalene	ug/kg	ND	644	599	93	15-145	
o-Xylene	ug/kg	ND	644	619	96	66-133	
p-Isopropyltoluene	ug/kg	ND	644	621	96	56-147	
sec-Butylbenzene	ug/kg	ND	644	598	93	65-139	
Styrene	ug/kg	ND	644	586	91	70-132	
tert-Butylbenzene	ug/kg	ND	644	633	98	62-135	
Tetrachloroethene	ug/kg	ND	644	692	107	70-135	
Toluene	ug/kg	ND	644	605	94	67-130	
trans-1,2-Dichloroethene	ug/kg	ND	644	634	98	69-130	
trans-1,3-Dichloropropene	ug/kg	ND	644	548	85	62-130	
Trichloroethene	ug/kg	ND	644	625	97	70-135	
Trichlorofluoromethane	ug/kg	ND	644	430	67	10-130	
Vinyl acetate	ug/kg	ND	1290	1080	84	53-130	
Vinyl chloride	ug/kg	ND	644	752	117	61-148	
Xylene (Total)	ug/kg	ND	1930	1880	98	63-132	
1,2-Dichloroethane-d4 (S)	%				91	70-130	
4-Bromofluorobenzene (S)	%				98	69-134	
Toluene-d8 (S)	%				99	70-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

SAMPLE DUPLICATE: 3365722

Parameter	Units	92555491001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	29.8	28.3	5	30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	10	9.6	4	30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	6.1J	6.6J		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

SAMPLE DUPLICATE: 3365722

Parameter	Units	92555491001 Result	Dup Result	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/kg	21.0	17.1	21	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	12.5	10.5	18	30	
o-Xylene	ug/kg	10.8	9.8	9	30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	8.6	8.0	7	30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	31.7	26.9	16	30	
1,2-Dichloroethane-d4 (S)	%	97	95			
4-Bromofluorobenzene (S)	%	100	97			
Toluene-d8 (S)	%	100	99			

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QUALITY CONTROL DATA

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

QC Batch: 640656

Analysis Method: SW-846

QC Batch Method: SW-846

Analysis Description: Dry Weight/Percent Moisture

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92555491001, 92555491002, 92555491003

SAMPLE DUPLICATE: 3362342

Parameter	Units	92555255012 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.9	23.1	3	25	N2

SAMPLE DUPLICATE: 3362343

Parameter	Units	92555491003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.9	14.9	1	25	N2

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QUALIFIERS

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville/2020-L1-2448

Pace Project No.: 92555491

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92555491001	RW-78 (14'-16')	MADEP VPH	640702	MADEP VPH	640708
92555491002	RW-78 (38-40')	MADEP VPH	640702	MADEP VPH	640708
92555491003	RW-78 (54-56')	MADEP VPH	640702	MADEP VPH	640708
92555491001	RW-78 (14'-16')	EPA 5035A/5030B	641266	EPA 8260D	641285
92555491002	RW-78 (38-40')	EPA 5035A/5030B	641266	EPA 8260D	641285
92555491003	RW-78 (54-56')	EPA 5035A/5030B	641266	EPA 8260D	641285
92555491001	RW-78 (14'-16')	SW-846	640656		
92555491002	RW-78 (38-40')	SW-846	640656		
92555491003	RW-78 (54-56')	SW-846	640656		

REPORT OF LABORATORY ANALYSIS

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August 18, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448
Pace Project No.: 92555633

Dear Andrew Street:

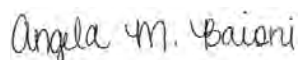
Enclosed are the analytical results for sample(s) received by the laboratory on August 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448

Pace Project No.: 92555633

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LAO00356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

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SAMPLE SUMMARY

Project: 2020-L1-2448

Pace Project No.: 92555633

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92555633001	SYSTEM_1_INFLUENT	Air	08/16/21 11:00	08/16/21 16:15

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448

Pace Project No.: 92555633

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92555633001	SYSTEM_1_INFLUENT	TO-15	CAW, FKG	69	PAN

PAN = Pace National - Mt. Juliet

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92555633

Sample: SYSTEM_1_INFLUENT Lab ID: 92555633001 Collected: 08/16/21 11:00 Received: 08/16/21 16:15 Matrix: Air									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15 Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet									
Gasoline Range Organics	3250000	ug/m3	1650000	39.70	2000	08/17/21 16:13	08/17/21 16:13	8006-61-9	
Acetone	ND	ug/m3	238	0.5840	80	08/17/21 14:43	08/17/21 14:43	67-64-1	W4
Allyl chloride	ND	ug/m3	50.1	0.1140	80	08/17/21 14:43	08/17/21 14:43	107-05-1	W4
Benzene	45000	ug/m3	1280	0.0715	2000	08/17/21 16:13	08/17/21 16:13	71-43-2	
Benzyl chloride	ND	ug/m3	83.1	0.0598	80	08/17/21 14:43	08/17/21 14:43	100-44-7	W4
Bromodichloromethane	ND	ug/m3	107	0.0702	80	08/17/21 14:43	08/17/21 14:43	75-27-4	W4
Bromoform	ND	ug/m3	497	0.0732	80	08/17/21 14:43	08/17/21 14:43	75-25-2	W4
Bromomethane	ND	ug/m3	62.1	0.0982	80	08/17/21 14:43	08/17/21 14:43	74-83-9	W4
1,3-Butadiene	ND	ug/m3	354	0.1040	80	08/17/21 14:43	08/17/21 14:43	106-99-0	W4
Carbon disulfide	ND	ug/m3	49.8	0.1020	80	08/17/21 14:43	08/17/21 14:43	75-15-0	W4
Carbon tetrachloride	ND	ug/m3	101	0.0732	80	08/17/21 14:43	08/17/21 14:43	56-23-5	W4
Chlorobenzene	ND	ug/m3	73.9	0.0832	80	08/17/21 14:43	08/17/21 14:43	108-90-7	W4
Chloroethane	ND	ug/m3	42.2	0.0996	80	08/17/21 14:43	08/17/21 14:43	75-00-3	W4
Chloroform	ND	ug/m3	77.9	0.0717	80	08/17/21 14:43	08/17/21 14:43	67-66-3	W4
Chloromethane	ND	ug/m3	33.0	0.1030	80	08/17/21 14:43	08/17/21 14:43	74-87-3	W4
2-Chlorotoluene	ND	ug/m3	82.5	0.0828	80	08/17/21 14:43	08/17/21 14:43	95-49-8	W4
Cyclohexane	55400	ug/m3	1380	0.0753	2000	08/17/21 16:13	08/17/21 16:13	110-82-7	
Dibromochloromethane	ND	ug/m3	136	0.0727	80	08/17/21 14:43	08/17/21 14:43	124-48-1	W4
1,2-Dibromoethane (EDB)	ND	ug/m3	123	0.0721	80	08/17/21 14:43	08/17/21 14:43	106-93-4	W4
1,2-Dichlorobenzene	ND	ug/m3	96.2	0.1280	80	08/17/21 14:43	08/17/21 14:43	95-50-1	W4
1,3-Dichlorobenzene	ND	ug/m3	96.2	0.1820	80	08/17/21 14:43	08/17/21 14:43	541-73-1	W4
1,4-Dichlorobenzene	ND	ug/m3	96.2	0.0557	80	08/17/21 14:43	08/17/21 14:43	106-46-7	W4
1,2-Dichloroethane	ND	ug/m3	64.8	0.07	80	08/17/21 14:43	08/17/21 14:43	107-06-2	W4
1,1-Dichloroethane	ND	ug/m3	64.1	0.0723	80	08/17/21 14:43	08/17/21 14:43	75-34-3	W4
1,1-Dichloroethene	ND	ug/m3	63.4	0.0762	80	08/17/21 14:43	08/17/21 14:43	75-35-4	W4
cis-1,2-Dichloroethene	ND	ug/m3	63.4	0.0784	80	08/17/21 14:43	08/17/21 14:43	156-59-2	W4
trans-1,2-Dichloroethene	ND	ug/m3	63.4	0.0673	80	08/17/21 14:43	08/17/21 14:43	156-60-5	W4
1,2-Dichloropropane	ND	ug/m3	73.9	0.0760	80	08/17/21 14:43	08/17/21 14:43	78-87-5	W4
cis-1,3-Dichloropropene	ND	ug/m3	72.6	0.0689	80	08/17/21 14:43	08/17/21 14:43	10061-01-5	W4
trans-1,3-Dichloropropene	ND	ug/m3	72.6	0.0728	80	08/17/21 14:43	08/17/21 14:43	10061-02-6	W4
1,4-Dioxane (p-Dioxane)	ND	ug/m3	57.7	0.0833	80	08/17/21 14:43	08/17/21 14:43	123-91-1	W4
Ethanol	1350	ug/m3	189	0.2650	80	08/17/21 14:43	08/17/21 14:43	64-17-5	W4
Ethylbenzene	4110	ug/m3	69.4	0.0835	80	08/17/21 14:43	08/17/21 14:43	100-41-4	W4
4-Ethyltoluene	844	ug/m3	78.5	0.0783	80	08/17/21 14:43	08/17/21 14:43	622-96-8	W4
Trichlorofluoromethane	ND	ug/m3	89.9	0.0819	80	08/17/21 14:43	08/17/21 14:43	75-69-4	W4
Dichlorodifluoromethane	ND	ug/m3	79.1	0.1370	80	08/17/21 14:43	08/17/21 14:43	75-71-8	W4
1,1,2-Trichlorotrifluoroethane	ND	ug/m3	123	0.0793	80	08/17/21 14:43	08/17/21 14:43	76-13-1	W4
Dichlorotetrafluoroethane	ND	ug/m3	112	0.0890	80	08/17/21 14:43	08/17/21 14:43	76-14-2	W4
n-Heptane	67900	ug/m3	1640	0.1040	2000	08/17/21 16:13	08/17/21 16:13	142-82-5	
Hexachloro-1,3-butadiene	ND	ug/m3	538	0.1050	80	08/17/21 14:43	08/17/21 14:43	87-68-3	W4
n-Hexane	346000	ug/m3	4440	0.2060	2000	08/17/21 16:13	08/17/21 16:13	110-54-3	
Isopropylbenzene (Cumene)	159	ug/m3	78.7	0.0777	80	08/17/21 14:43	08/17/21 14:43	98-82-8	W4
Methylene Chloride	ND	ug/m3	55.6	0.0979	80	08/17/21 14:43	08/17/21 14:43	75-09-2	W4
2-Hexanone	ND	ug/m3	409	0.1330	80	08/17/21 14:43	08/17/21 14:43	591-78-6	W4
2-Butanone (MEK)	ND	ug/m3	295	0.0814	80	08/17/21 14:43	08/17/21 14:43	78-93-3	W4

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448

Pace Project No.: 92555633

Sample: SYSTEM_1_INFLUENT Lab ID: 92555633001 Collected: 08/16/21 11:00 Received: 08/16/21 16:15 Matrix: Air									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VOA (MS) TO-15 Analytical Method: TO-15 Preparation Method: TO-15 Pace National - Mt. Juliet									
4-Methyl-2-pentanone (MIBK)	ND	ug/m3	409	0.0765	80	08/17/21 14:43	08/17/21 14:43	108-10-1	W4
Methyl methacrylate	ND	ug/m3	65.5	0.0876	80	08/17/21 14:43	08/17/21 14:43	80-62-6	W4
Methyl-tert-butyl ether	ND	ug/m3	57.7	0.0647	80	08/17/21 14:43	08/17/21 14:43	1634-04-4	W4
Naphthalene	ND	ug/m3	264	0.35	80	08/17/21 14:43	08/17/21 14:43	91-20-3	W4
2-Propanol	1010	ug/m3	246	0.2640	80	08/17/21 14:43	08/17/21 14:43	67-63-0	W4
Propylene	ND	ug/m3	172	0.0932	80	08/17/21 14:43	08/17/21 14:43	115-07-1	W4
Styrene	ND	ug/m3	68.1	0.0788	80	08/17/21 14:43	08/17/21 14:43	100-42-5	W4
1,1,2,2-Tetrachloroethane	ND	ug/m3	110	0.0743	80	08/17/21 14:43	08/17/21 14:43	79-34-5	W4
Tetrachloroethene	183	ug/m3	109	0.0814	80	08/17/21 14:43	08/17/21 14:43	127-18-4	W4
Tetrahydrofuran	ND	ug/m3	47.2	0.0734	80	08/17/21 14:43	08/17/21 14:43	109-99-9	W4
Toluene	88500	ug/m3	3770	0.0870	2000	08/17/21 16:13	08/17/21 16:13	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/m3	373	0.1480	80	08/17/21 14:43	08/17/21 14:43	120-82-1	W4
1,1,1-Trichloroethane	ND	ug/m3	87.0	0.0736	80	08/17/21 14:43	08/17/21 14:43	71-55-6	W4
1,1,2-Trichloroethane	ND	ug/m3	87.0	0.0775	80	08/17/21 14:43	08/17/21 14:43	79-00-5	W4
Trichloroethene	ND	ug/m3	85.7	0.0680	80	08/17/21 14:43	08/17/21 14:43	79-01-6	W4
1,2,4-Trimethylbenzene	525	ug/m3	78.5	0.0764	80	08/17/21 14:43	08/17/21 14:43	95-63-6	W4
1,3,5-Trimethylbenzene	262	ug/m3	78.5	0.0779	80	08/17/21 14:43	08/17/21 14:43	108-67-8	W4
2,2,4-Trimethylpentane	285000	ug/m3	1870	0.1330	2000	08/17/21 16:13	08/17/21 16:13	540-84-1	
Vinyl chloride	ND	ug/m3	40.9	0.0949	80	08/17/21 14:43	08/17/21 14:43	75-01-4	W4
Vinyl bromide	ND	ug/m3	70.0	0.0852	80	08/17/21 14:43	08/17/21 14:43	593-60-2	W4
Vinyl acetate	ND	ug/m3	56.3	0.1160	80	08/17/21 14:43	08/17/21 14:43	108-05-4	W4
m&p-Xylene	11700	ug/m3	139	0.1350	80	08/17/21 14:43	08/17/21 14:43	179601-23-1	W4
o-Xylene	3280	ug/m3	69.4	0.0828	80	08/17/21 14:43	08/17/21 14:43	95-47-6	W4
Surrogates									
1,4-Dichlorobenzene-d4 (IS)	96.7	%	60.0-140		80	08/17/21 14:43	08/17/21 14:43	3855-82-1	
1,4-Dichlorobenzene-d4 (IS)	99.5	%	60.0-140		2000	08/17/21 16:13	08/17/21 16:13	3855-82-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92555633

QC Batch: 1724545

QC Batch Method: TO-15

Analysis Method: TO-15

Analysis Description: VOA (MS) TO-15

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92555633001

METHOD BLANK: R3692902-3

Matrix: Air

Associated Lab Samples: 92555633001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Acetone	ppbv	ND	1.25	0.584	08/17/21 10:02	
Allyl chloride	ppbv	ND	0.200	0.114	08/17/21 10:02	
Benzyl chloride	ppbv	ND	0.200	0.0598	08/17/21 10:02	
Bromodichloromethane	ppbv	ND	0.200	0.0702	08/17/21 10:02	
Bromoform	ppbv	ND	0.600	0.0732	08/17/21 10:02	
Bromomethane	ppbv	ND	0.200	0.0982	08/17/21 10:02	
1,3-Butadiene	ppbv	ND	2.00	0.104	08/17/21 10:02	
Carbon disulfide	ppbv	ND	0.200	0.102	08/17/21 10:02	
Carbon tetrachloride	ppbv	ND	0.200	0.0732	08/17/21 10:02	
Chlorobenzene	ppbv	ND	0.200	0.0832	08/17/21 10:02	
Chloroethane	ppbv	ND	0.200	0.0996	08/17/21 10:02	
Chloroform	ppbv	ND	0.200	0.0717	08/17/21 10:02	
Chloromethane	ppbv	ND	0.200	0.103	08/17/21 10:02	
2-Chlorotoluene	ppbv	ND	0.200	0.0828	08/17/21 10:02	
Dibromochloromethane	ppbv	ND	0.200	0.0727	08/17/21 10:02	
1,2-Dibromoethane (EDB)	ppbv	ND	0.200	0.0721	08/17/21 10:02	
1,2-Dichlorobenzene	ppbv	ND	0.200	0.128	08/17/21 10:02	
1,3-Dichlorobenzene	ppbv	ND	0.200	0.182	08/17/21 10:02	
1,4-Dichlorobenzene	ppbv	ND	0.200	0.0557	08/17/21 10:02	
1,2-Dichloroethane	ppbv	ND	0.200	0.0700	08/17/21 10:02	
1,1-Dichloroethane	ppbv	ND	0.200	0.0723	08/17/21 10:02	
1,1-Dichloroethene	ppbv	ND	0.200	0.0762	08/17/21 10:02	
cis-1,2-Dichloroethene	ppbv	ND	0.200	0.0784	08/17/21 10:02	
trans-1,2-Dichloroethene	ppbv	ND	0.200	0.0673	08/17/21 10:02	
1,2-Dichloropropane	ppbv	ND	0.200	0.0760	08/17/21 10:02	
cis-1,3-Dichloropropene	ppbv	ND	0.200	0.0689	08/17/21 10:02	
trans-1,3-Dichloropropene	ppbv	ND	0.200	0.0728	08/17/21 10:02	
1,4-Dioxane (p-Dioxane)	ppbv	ND	0.200	0.0833	08/17/21 10:02	
Ethylbenzene	ppbv	ND	0.200	0.0835	08/17/21 10:02	
4-Ethyltoluene	ppbv	ND	0.200	0.0783	08/17/21 10:02	
Trichlorofluoromethane	ppbv	ND	0.200	0.0819	08/17/21 10:02	
Dichlorodifluoromethane	ppbv	ND	0.200	0.137	08/17/21 10:02	
1,1,2-Trichlorotrifluoroethane	ppbv	ND	0.200	0.0793	08/17/21 10:02	
Dichlorotetrafluoroethane	ppbv	ND	0.200	0.0890	08/17/21 10:02	
Hexachloro-1,3-butadiene	ppbv	ND	0.630	0.105	08/17/21 10:02	
Isopropylbenzene (Cumene)	ppbv	ND	0.200	0.0777	08/17/21 10:02	
Methylene Chloride	ppbv	ND	0.200	0.0979	08/17/21 10:02	
2-Hexanone	ppbv	ND	1.25	0.133	08/17/21 10:02	
2-Butanone (MEK)	ppbv	ND	1.25	0.0814	08/17/21 10:02	
4-Methyl-2-pentanone (MIBK)	ppbv	ND	1.25	0.0765	08/17/21 10:02	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92555633

METHOD BLANK: R3692902-3

Matrix: Air

Associated Lab Samples: 92555633001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methyl methacrylate	ppbv	ND	0.200	0.0876	08/17/21 10:02	
Methyl-tert-butyl ether	ppbv	ND	0.200	0.0647	08/17/21 10:02	
Naphthalene	ppbv	ND	0.630	0.350	08/17/21 10:02	
2-Propanol	ppbv	ND	1.25	0.264	08/17/21 10:02	
Propylene	ppbv	0.0980	1.25	0.0932	08/17/21 10:02	J
Styrene	ppbv	ND	0.200	0.0788	08/17/21 10:02	
1,1,2,2-Tetrachloroethane	ppbv	ND	0.200	0.0743	08/17/21 10:02	
Tetrachloroethene	ppbv	ND	0.200	0.0814	08/17/21 10:02	
Tetrahydrofuran	ppbv	ND	0.200	0.0734	08/17/21 10:02	
1,2,4-Trichlorobenzene	ppbv	ND	0.630	0.148	08/17/21 10:02	
1,1,1-Trichloroethane	ppbv	ND	0.200	0.0736	08/17/21 10:02	
1,1,2-Trichloroethane	ppbv	ND	0.200	0.0775	08/17/21 10:02	
Trichloroethene	ppbv	ND	0.200	0.0680	08/17/21 10:02	
1,2,4-Trimethylbenzene	ppbv	ND	0.200	0.0764	08/17/21 10:02	
1,3,5-Trimethylbenzene	ppbv	ND	0.200	0.0779	08/17/21 10:02	
Vinyl chloride	ppbv	ND	0.200	0.0949	08/17/21 10:02	
Vinyl bromide	ppbv	ND	0.200	0.0852	08/17/21 10:02	
Vinyl acetate	ppbv	ND	0.200	0.116	08/17/21 10:02	
m&p-Xylene	ppbv	ND	0.400	0.135	08/17/21 10:02	
o-Xylene	ppbv	ND	0.200	0.0828	08/17/21 10:02	
Ethanol	ppbv	ND	1.25	0.265	08/17/21 10:02	
1,4-Dichlorobenzene-d4 (IS)	%	98.1	60.0-140		08/17/21 10:02	

LABORATORY CONTROL SAMPLE & LCSD: R3692902-1

R3692902-2

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Ethanol	ppbv	3.75	4.06	4.06	108	108	55.0-148	0.00	25	
Propylene	ppbv	3.75	4.17	4.13	111	110	64.0-144	0.964	25	
Dichlorodifluoromethane	ppbv	3.75	4.02	4.05	107	108	64.0-139	0.743	25	
Dichlorotetrafluoroethane	ppbv	3.75	4.09	4.14	109	110	70.0-130	1.22	25	
Chloromethane	ppbv	3.75	4.06	4.07	108	109	70.0-130	0.246	25	
Vinyl chloride	ppbv	3.75	4.03	4.02	107	107	70.0-130	0.248	25	
1,3-Butadiene	ppbv	3.75	3.86	3.83	103	102	70.0-130	0.780	25	
Bromomethane	ppbv	3.75	3.93	4.02	105	107	70.0-130	2.26	25	
Chloroethane	ppbv	3.75	3.91	3.94	104	105	70.0-130	0.764	25	
Trichlorofluoromethane	ppbv	3.75	3.96	3.96	106	106	70.0-130	0.00	25	
1,1,2-Trichlorotrifluoroethane	ppbv	3.75	4.11	4.09	110	109	70.0-130	0.488	25	
1,1-Dichloroethene	ppbv	3.75	4.08	4.11	109	110	70.0-130	0.733	25	
1,1-Dichloroethane	ppbv	3.75	4.08	4.04	109	108	70.0-130	0.985	25	
Acetone	ppbv	3.75	4.18	4.19	111	112	70.0-130	0.239	25	
2-Propanol	ppbv	3.75	4.06	4.14	108	110	70.0-139	1.95	25	
Carbon disulfide	ppbv	3.75	4.07	4.06	109	108	70.0-130	0.246	25	
Methylene Chloride	ppbv	3.75	3.95	3.92	105	105	70.0-130	0.762	25	
Methyl-tert-butyl ether	ppbv	3.75	4.24	4.25	113	113	70.0-130	0.236	25	

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92555633

LABORATORY CONTROL SAMPLE & LCSD: R3692902-1			R3692902-2								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
trans-1,2-Dichloroethene	ppbv	3.75	4.11	4.10	110	109	70.0-130	0.244	25		
Vinyl acetate	ppbv	3.75	3.92	3.90	105	104	70.0-130	0.512	25		
2-Butanone (MEK)	ppbv	3.75	4.20	4.28	112	114	70.0-130	1.89	25		
cis-1,2-Dichloroethene	ppbv	3.75	4.16	4.13	111	110	70.0-130	0.724	25		
Chloroform	ppbv	3.75	4.04	4.05	108	108	70.0-130	0.247	25		
1,1,1-Trichloroethane	ppbv	3.75	4.02	4.01	107	107	70.0-130	0.249	25		
Carbon tetrachloride	ppbv	3.75	4.01	3.97	107	106	70.0-130	1.00	25		
1,2-Dichloroethane	ppbv	3.75	4.03	3.97	107	106	70.0-130	1.50	25		
Trichloroethene	ppbv	3.75	4.09	4.05	109	108	70.0-130	0.983	25		
1,2-Dichloropropane	ppbv	3.75	4.08	4.04	109	108	70.0-130	0.985	25		
1,4-Dioxane (p-Dioxane)	ppbv	3.75	4.33	4.36	115	116	70.0-140	0.690	25		
Bromodichloromethane	ppbv	3.75	4.03	4.02	107	107	70.0-130	0.248	25		
cis-1,3-Dichloropropene	ppbv	3.75	4.10	4.11	109	110	70.0-130	0.244	25		
4-Methyl-2-pentanone (MIBK)	ppbv	3.75	4.29	4.32	114	115	70.0-139	0.697	25		
trans-1,3-Dichloropropene	ppbv	3.75	4.15	4.13	111	110	70.0-130	0.483	25		
1,1,2-Trichloroethane	ppbv	3.75	4.09	4.09	109	109	70.0-130	0.00	25		
Tetrachloroethene	ppbv	3.75	4.05	4.05	108	108	70.0-130	0.00	25		
2-Hexanone	ppbv	3.75	4.43	4.44	118	118	70.0-149	0.225	25		
Dibromochloromethane	ppbv	3.75	4.02	4.02	107	107	70.0-130	0.00	25		
1,2-Dibromoethane (EDB)	ppbv	3.75	4.15	4.17	111	111	70.0-130	0.481	25		
Chlorobenzene	ppbv	3.75	4.11	4.12	110	110	70.0-130	0.243	25		
Ethylbenzene	ppbv	3.75	4.23	4.22	113	113	70.0-130	0.237	25		
m&p-Xylene	ppbv	7.50	8.67	8.60	116	115	70.0-130	0.811	25		
o-Xylene	ppbv	3.75	4.33	4.34	115	116	70.0-130	0.231	25		
Styrene	ppbv	3.75	4.39	4.35	117	116	70.0-130	0.915	25		
Bromoform	ppbv	3.75	4.04	4.00	108	107	70.0-130	0.995	25		
1,1,2,2-Tetrachloroethane	ppbv	3.75	4.11	4.12	110	110	70.0-130	0.243	25		
4-Ethyltoluene	ppbv	3.75	4.30	4.33	115	115	70.0-130	0.695	25		
1,3,5-Trimethylbenzene	ppbv	3.75	4.32	4.32	115	115	70.0-130	0.00	25		
1,2,4-Trimethylbenzene	ppbv	3.75	4.43	4.40	118	117	70.0-130	0.679	25		
1,3-Dichlorobenzene	ppbv	3.75	4.19	4.19	112	112	70.0-130	0.00	25		
1,4-Dichlorobenzene	ppbv	3.75	4.27	4.21	114	112	70.0-130	1.42	25		
Benzyl chloride	ppbv	3.75	4.19	4.20	112	112	70.0-152	0.238	25		
1,2-Dichlorobenzene	ppbv	3.75	4.17	4.14	111	110	70.0-130	0.722	25		
1,2,4-Trichlorobenzene	ppbv	3.75	4.40	4.56	117	122	70.0-160	3.57	25		
Hexachloro-1,3-butadiene	ppbv	3.75	4.09	4.06	109	108	70.0-151	0.736	25		
Naphthalene	ppbv	3.75	4.61	4.65	123	124	70.0-159	0.864	25		
Allyl chloride	ppbv	3.75	4.23	4.29	113	114	70.0-130	1.41	25		
2-Chlorotoluene	ppbv	3.75	4.21	4.20	112	112	70.0-130	0.238	25		
Methyl methacrylate	ppbv	3.75	4.28	4.28	114	114	70.0-130	0.00	25		
Tetrahydrofuran	ppbv	3.75	4.15	4.18	111	111	70.0-137	0.720	25		
Vinyl bromide	ppbv	3.75	4.04	4.01	108	107	70.0-130	0.745	25		
Isopropylbenzene (Cumene)	ppbv	3.75	4.38	4.38	117	117	70.0-130	0.00	25		
1,4-Dichlorobenzene-d4 (IS)	%				98.9	99.2	60.0-140				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448

Pace Project No.: 92555633

QC Batch: 1724685

QC Batch Method: TO-15

Analysis Method: TO-15

Analysis Description: VOA (MS) TO-15

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92555633001

METHOD BLANK: R3692985-2

Matrix: Air

Associated Lab Samples: 92555633001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ppbv	ND	0.200	0.0715	08/17/21 10:08	
Cyclohexane	ppbv	ND	0.200	0.0753	08/17/21 10:08	
n-Heptane	ppbv	ND	0.200	0.104	08/17/21 10:08	
n-Hexane	ppbv	ND	0.630	0.206	08/17/21 10:08	
Toluene	ppbv	ND	0.500	0.0870	08/17/21 10:08	
2,2,4-Trimethylpentane	ppbv	ND	0.200	0.133	08/17/21 10:08	
Gasoline Range Organics	ppbv	ND	200	39.7	08/17/21 10:08	
1,4-Dichlorobenzene-d4 (IS)	%	96.8	60.0-140		08/17/21 10:08	

LABORATORY CONTROL SAMPLE & LCSD: R3692985-1

R3692985-3

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
n-Hexane	ppbv	3.75	4.43	4.42	118	118	70.0-130	0.226	25	
Cyclohexane	ppbv	3.75	4.40	4.40	117	117	70.0-130	0.00	25	
Benzene	ppbv	3.75	4.52	4.49	121	120	70.0-130	0.666	25	
n-Heptane	ppbv	3.75	4.10	4.27	109	114	70.0-130	4.06	25	
Toluene	ppbv	3.75	4.31	4.33	115	115	70.0-130	0.463	25	
Gasoline Range Organics	ppbv	203	260	263	128	130	70.0-130	1.15	25	
2,2,4-Trimethylpentane	ppbv	3.75	4.45	4.52	119	121	70.0-130	1.56	25	
1,4-Dichlorobenzene-d4 (IS)	%				97.5	100	60.0-140			

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QUALIFIERS

Project: 2020-L1-2448

Pace Project No.: 92555633

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

J Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.

W4 Sample received in tedlar bag.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448

Pace Project No.: 92555633

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92555633001	SYSTEM_1_INFLUENT	TO-15	1724545	TO-15	1724545
92555633001	SYSTEM_1_INFLUENT	TO-15	1724685	TO-15	1724685

REPORT OF LABORATORY ANALYSIS

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[illegible]

July 26, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE
Pace Project No.: 92551297

Dear Andrew Wreschnig:

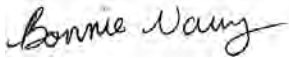
Enclosed are the analytical results for sample(s) received by the laboratory on July 22, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551297001	MW-04	Water	07/22/21 15:55	07/22/21 17:35
92551297002	MW-05	Water	07/22/21 15:43	07/22/21 17:35
92551297003	DUP-1-20210722	Water	07/22/21 00:00	07/22/21 17:35
92551297004	FB-1-20210722	Water	07/22/21 16:40	07/22/21 17:35
92551297005	TRIP BLANK	Water	07/22/21 00:00	07/22/21 17:35

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551297001	MW-04	SM 6200B	PM1	63	PASI-C
92551297002	MW-05	SM 6200B	PM1	63	PASI-C
92551297003	DUP-1-20210722	SM 6200B	PM1	63	PASI-C
92551297004	FB-1-20210722	SM 6200B	PM1	63	PASI-C
92551297005	TRIP BLANK	SM 6200B	PM1	63	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: MW-04 **Lab ID: 92551297001** Collected: 07/22/21 15:55 Received: 07/22/21 17:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/23/21 15:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/23/21 15:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/23/21 15:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/23/21 15:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/23/21 15:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/23/21 15:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/23/21 15:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/23/21 15:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/23/21 15:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/23/21 15:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/23/21 15:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/23/21 15:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/23/21 15:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/23/21 15:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 15:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 15:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/23/21 15:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/23/21 15:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/23/21 15:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/23/21 15:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 15:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 15:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/23/21 15:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/23/21 15:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/23/21 15:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 15:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/23/21 15:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 15:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/23/21 15:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/23/21 15:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/23/21 15:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/23/21 15:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/23/21 15:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 15:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 15:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/23/21 15:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/23/21 15:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/23/21 15:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/23/21 15:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/23/21 15:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/23/21 15:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/23/21 15:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/23/21 15:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/23/21 15:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/23/21 15:19	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: MW-04		Lab ID: 92551297001		Collected: 07/22/21 15:55		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/23/21 15:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/23/21 15:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/23/21 15:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/23/21 15:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/23/21 15:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/23/21 15:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 15:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 15:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/23/21 15:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/23/21 15:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/23/21 15:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/23/21 15:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/23/21 15:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/23/21 15:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/23/21 15:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/23/21 15:19	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		07/23/21 15:19	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/23/21 15:19	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: MW-05		Lab ID: 92551297002		Collected: 07/22/21 15:43		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		07/23/21 15:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/23/21 15:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/23/21 15:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/23/21 15:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/23/21 15:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/23/21 15:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/23/21 15:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/23/21 15:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/23/21 15:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/23/21 15:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/23/21 15:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/23/21 15:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/23/21 15:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/23/21 15:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 15:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 15:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/23/21 15:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/23/21 15:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/23/21 15:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/23/21 15:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 15:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 15:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/23/21 15:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/23/21 15:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/23/21 15:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 15:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/23/21 15:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 15:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/23/21 15:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/23/21 15:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/23/21 15:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/23/21 15:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/23/21 15:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 15:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 15:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/23/21 15:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/23/21 15:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/23/21 15:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/23/21 15:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/23/21 15:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/23/21 15:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/23/21 15:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/23/21 15:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/23/21 15:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/23/21 15:37	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: MW-05		Lab ID: 92551297002		Collected: 07/22/21 15:43		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/23/21 15:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/23/21 15:37	127-18-4	
Toluene	1.4	ug/L	0.50	0.48	1		07/23/21 15:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/23/21 15:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/23/21 15:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/23/21 15:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 15:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 15:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/23/21 15:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/23/21 15:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/23/21 15:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/23/21 15:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/23/21 15:37	75-01-4	
m&p-Xylene	1.0	ug/L	1.0	0.71	1		07/23/21 15:37	179601-23-1	
o-Xylene	0.68	ug/L	0.50	0.34	1		07/23/21 15:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/23/21 15:37	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/23/21 15:37	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/23/21 15:37	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: DUP-1-20210722 **Lab ID: 92551297003** Collected: 07/22/21 00:00 Received: 07/22/21 17:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/26/21 12:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/26/21 12:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/26/21 12:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/26/21 12:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/26/21 12:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/26/21 12:30	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/26/21 12:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/26/21 12:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/26/21 12:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/26/21 12:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/26/21 12:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/26/21 12:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/26/21 12:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/26/21 12:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/26/21 12:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/26/21 12:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/26/21 12:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/26/21 12:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/26/21 12:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/26/21 12:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/26/21 12:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/26/21 12:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/26/21 12:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/26/21 12:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/26/21 12:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/26/21 12:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/26/21 12:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/26/21 12:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/26/21 12:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/26/21 12:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/26/21 12:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/26/21 12:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/26/21 12:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/26/21 12:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/26/21 12:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/26/21 12:30	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/26/21 12:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/26/21 12:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/26/21 12:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/26/21 12:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/26/21 12:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/26/21 12:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/26/21 12:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/26/21 12:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/26/21 12:30	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: DUP-1-20210722		Lab ID: 92551297003		Collected: 07/22/21 00:00		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/26/21 12:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/26/21 12:30	127-18-4	
Toluene	1.3	ug/L	0.50	0.48	1		07/26/21 12:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/26/21 12:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/26/21 12:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/26/21 12:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/26/21 12:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/26/21 12:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/26/21 12:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/26/21 12:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/26/21 12:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/26/21 12:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/26/21 12:30	75-01-4	
m&p-Xylene	1.1	ug/L	1.0	0.71	1		07/26/21 12:30	179601-23-1	
o-Xylene	0.58	ug/L	0.50	0.34	1		07/26/21 12:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/26/21 12:30	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		07/26/21 12:30	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/26/21 12:30	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: FB-1-20210722 **Lab ID: 92551297004** Collected: 07/22/21 16:40 Received: 07/22/21 17:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/23/21 12:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/23/21 12:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/23/21 12:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/23/21 12:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/23/21 12:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/23/21 12:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/23/21 12:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/23/21 12:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/23/21 12:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/23/21 12:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/23/21 12:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/23/21 12:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/23/21 12:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/23/21 12:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 12:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 12:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/23/21 12:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/23/21 12:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/23/21 12:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/23/21 12:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 12:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 12:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/23/21 12:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/23/21 12:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/23/21 12:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 12:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/23/21 12:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 12:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/23/21 12:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/23/21 12:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/23/21 12:55	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/23/21 12:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/23/21 12:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 12:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 12:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/23/21 12:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/23/21 12:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/23/21 12:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/23/21 12:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/23/21 12:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/23/21 12:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/23/21 12:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/23/21 12:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/23/21 12:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/23/21 12:55	630-20-6	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: FB-1-20210722		Lab ID: 92551297004		Collected: 07/22/21 16:40		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/23/21 12:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/23/21 12:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/23/21 12:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/23/21 12:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/23/21 12:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/23/21 12:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 12:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 12:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/23/21 12:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/23/21 12:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/23/21 12:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/23/21 12:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/23/21 12:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/23/21 12:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/23/21 12:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/23/21 12:55	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/23/21 12:55	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/23/21 12:55	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: TRIP BLANK		Lab ID: 92551297005		Collected: 07/22/21 00:00		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		07/23/21 13:13	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/23/21 13:13	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/23/21 13:13	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/23/21 13:13	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/23/21 13:13	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/23/21 13:13	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/23/21 13:13	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/23/21 13:13	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/23/21 13:13	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/23/21 13:13	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/23/21 13:13	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/23/21 13:13	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/23/21 13:13	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/23/21 13:13	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 13:13	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 13:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/23/21 13:13	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/23/21 13:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/23/21 13:13	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/23/21 13:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 13:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 13:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/23/21 13:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/23/21 13:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/23/21 13:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 13:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/23/21 13:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 13:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/23/21 13:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/23/21 13:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/23/21 13:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/23/21 13:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/23/21 13:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 13:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 13:13	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/23/21 13:13	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/23/21 13:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/23/21 13:13	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/23/21 13:13	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/23/21 13:13	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/23/21 13:13	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/23/21 13:13	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/23/21 13:13	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/23/21 13:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/23/21 13:13	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Sample: TRIP BLANK		Lab ID: 92551297005		Collected: 07/22/21 00:00		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/23/21 13:13	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/23/21 13:13	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/23/21 13:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/23/21 13:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/23/21 13:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/23/21 13:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 13:13	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 13:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/23/21 13:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/23/21 13:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/23/21 13:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/23/21 13:13	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/23/21 13:13	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/23/21 13:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/23/21 13:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/23/21 13:13	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/23/21 13:13	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/23/21 13:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE
Pace Project No.: 92551297

QC Batch: 635531 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92551297001, 92551297002, 92551297004, 92551297005

METHOD BLANK: 3337188 Matrix: Water
Associated Lab Samples: 92551297001, 92551297002, 92551297004, 92551297005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/23/21 12:38	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/23/21 12:38	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/23/21 12:38	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/23/21 12:38	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/23/21 12:38	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/23/21 12:38	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/23/21 12:38	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/23/21 12:38	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/23/21 12:38	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/23/21 12:38	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/23/21 12:38	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/23/21 12:38	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/23/21 12:38	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/23/21 12:38	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/23/21 12:38	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/23/21 12:38	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/23/21 12:38	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/23/21 12:38	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/23/21 12:38	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/23/21 12:38	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/23/21 12:38	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/23/21 12:38	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/23/21 12:38	
Benzene	ug/L	ND	0.50	0.34	07/23/21 12:38	
Bromobenzene	ug/L	ND	0.50	0.29	07/23/21 12:38	
Bromochloromethane	ug/L	ND	0.50	0.47	07/23/21 12:38	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/23/21 12:38	
Bromoform	ug/L	ND	0.50	0.34	07/23/21 12:38	
Bromomethane	ug/L	ND	5.0	1.7	07/23/21 12:38	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/23/21 12:38	
Chlorobenzene	ug/L	ND	0.50	0.28	07/23/21 12:38	
Chloroethane	ug/L	ND	1.0	0.65	07/23/21 12:38	
Chloroform	ug/L	ND	0.50	0.35	07/23/21 12:38	
Chloromethane	ug/L	ND	1.0	0.54	07/23/21 12:38	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/23/21 12:38	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/23/21 12:38	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/23/21 12:38	
Dibromomethane	ug/L	ND	0.50	0.39	07/23/21 12:38	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/23/21 12:38	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/23/21 12:38	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

METHOD BLANK: 3337188

Matrix: Water

Associated Lab Samples: 92551297001, 92551297002, 92551297004, 92551297005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/23/21 12:38	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/23/21 12:38	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/23/21 12:38	
m&p-Xylene	ug/L	ND	1.0	0.71	07/23/21 12:38	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/23/21 12:38	
Methylene Chloride	ug/L	ND	2.0	2.0	07/23/21 12:38	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/23/21 12:38	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/23/21 12:38	
Naphthalene	ug/L	ND	2.0	0.64	07/23/21 12:38	
o-Xylene	ug/L	ND	0.50	0.34	07/23/21 12:38	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/23/21 12:38	
Styrene	ug/L	ND	0.50	0.29	07/23/21 12:38	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/23/21 12:38	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/23/21 12:38	
Toluene	ug/L	ND	0.50	0.48	07/23/21 12:38	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/23/21 12:38	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/23/21 12:38	
Trichloroethene	ug/L	ND	0.50	0.38	07/23/21 12:38	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/23/21 12:38	
Vinyl chloride	ug/L	ND	1.0	0.39	07/23/21 12:38	
1,2-Dichloroethane-d4 (S)	%	97	70-130		07/23/21 12:38	
4-Bromofluorobenzene (S)	%	98	70-130		07/23/21 12:38	
Toluene-d8 (S)	%	100	70-130		07/23/21 12:38	

LABORATORY CONTROL SAMPLE: 3337189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.8	108	60-140	
1,1,1-Trichloroethane	ug/L	50	50.5	101	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.3	97	60-140	
1,1,2-Trichloroethane	ug/L	50	48.4	97	60-140	
1,1-Dichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethene	ug/L	50	51.1	102	60-140	
1,1-Dichloropropene	ug/L	50	51.1	102	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.9	110	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	54.8	110	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.9	104	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.4	107	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.7	103	60-140	
1,2-Dichlorobenzene	ug/L	50	49.8	100	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.1	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.7	103	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

LABORATORY CONTROL SAMPLE: 3337189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.8	102	60-140	
1,3-Dichloropropane	ug/L	50	50.0	100	60-140	
1,4-Dichlorobenzene	ug/L	50	51.1	102	60-140	
2,2-Dichloropropane	ug/L	50	55.8	112	60-140	
2-Chlorotoluene	ug/L	50	50.7	101	60-140	
4-Chlorotoluene	ug/L	50	49.7	99	60-140	
Benzene	ug/L	50	48.6	97	60-140	
Bromobenzene	ug/L	50	51.0	102	60-140	
Bromochloromethane	ug/L	50	52.2	104	60-140	
Bromodichloromethane	ug/L	50	49.6	99	60-140	
Bromoform	ug/L	50	54.5	109	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	50.1	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	51.8	104	60-140	
Chloroform	ug/L	50	47.0	94	60-140	
Chloromethane	ug/L	50	49.4	99	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.5	105	60-140	
Dibromochloromethane	ug/L	50	54.0	108	60-140	
Dibromomethane	ug/L	50	50.2	100	60-140	
Dichlorodifluoromethane	ug/L	50	55.7	111	60-140	
Diisopropyl ether	ug/L	50	49.0	98	60-140	
Ethylbenzene	ug/L	50	49.4	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	58.1	116	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.3	103	60-140	
m&p-Xylene	ug/L	100	98.7	99	60-140	
Methyl-tert-butyl ether	ug/L	50	50.3	101	60-140	
Methylene Chloride	ug/L	50	49.1	98	60-140	
n-Butylbenzene	ug/L	50	53.4	107	60-140	
n-Propylbenzene	ug/L	50	51.0	102	60-140	
Naphthalene	ug/L	50	53.7	107	60-140	
o-Xylene	ug/L	50	49.1	98	60-140	
sec-Butylbenzene	ug/L	50	51.5	103	60-140	
Styrene	ug/L	50	52.7	105	60-140	
tert-Butylbenzene	ug/L	50	43.1	86	60-140	
Tetrachloroethene	ug/L	50	49.6	99	60-140	
Toluene	ug/L	50	46.9	94	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	53.5	107	60-140	
Trichloroethene	ug/L	50	48.8	98	60-140	
Trichlorofluoromethane	ug/L	50	49.9	100	60-140	
Vinyl chloride	ug/L	50	51.5	103	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3337190 3337191											
Parameter	Units	92551300001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	% Rec	% Rec
								Limits	RPD	Max	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	24.4	21.9	122	109	60-140	11 30
1,1,1-Trichloroethane	ug/L	ND	20	20	20	24.4	22.6	122	113	60-140	8 30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	22.8	19.7	114	99	60-140	14 30
1,1,2-Trichloroethane	ug/L	ND	20	20	20	23.4	20.7	117	103	60-140	12 30
1,1-Dichloroethane	ug/L	ND	20	20	20	23.7	21.7	118	109	60-140	9 30
1,1-Dichloroethene	ug/L	ND	20	20	20	24.9	22.6	125	113	60-140	10 30
1,1-Dichloropropene	ug/L	ND	20	20	20	25.5	23.0	128	115	60-140	10 30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	23.6	21.3	118	106	60-140	10 30
1,2,3-Trichloropropane	ug/L	ND	20	20	20	22.5	19.5	113	98	60-140	14 30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	23.6	21.5	118	108	60-140	9 30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	24.3	21.8	122	109	60-140	11 30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	25.7	21.3	128	106	60-140	19 30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	24.1	20.8	120	104	60-140	14 30
1,2-Dichlorobenzene	ug/L	ND	20	20	20	23.5	20.9	117	105	60-140	12 30
1,2-Dichloroethane	ug/L	ND	20	20	20	22.5	20.5	113	103	60-140	9 30
1,2-Dichloropropane	ug/L	ND	20	20	20	23.5	21.1	118	106	60-140	11 30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	23.8	21.5	119	108	60-140	10 30
1,3-Dichlorobenzene	ug/L	ND	20	20	20	23.6	21.4	118	107	60-140	10 30
1,3-Dichloropropane	ug/L	ND	20	20	20	23.1	20.2	115	101	60-140	13 30
1,4-Dichlorobenzene	ug/L	ND	20	20	20	23.7	21.3	118	106	60-140	11 30
2,2-Dichloropropane	ug/L	ND	20	20	20	26.8	25.0	134	125	60-140	7 30
2-Chlorotoluene	ug/L	ND	20	20	20	22.8	20.7	114	103	60-140	10 30
4-Chlorotoluene	ug/L	ND	20	20	20	23.0	20.8	115	104	60-140	10 30
Benzene	ug/L	5.8	20	20	20	29.7	27.2	120	107	60-140	9 30
Bromobenzene	ug/L	ND	20	20	20	24.8	21.2	124	106	60-140	16 30
Bromochloromethane	ug/L	ND	20	20	20	26.0	23.0	130	115	60-140	12 30
Bromodichloromethane	ug/L	ND	20	20	20	23.6	21.0	118	105	60-140	12 30
Bromoform	ug/L	ND	20	20	20	25.3	21.8	127	109	60-140	15 30
Bromomethane	ug/L	ND	20	20	20	26.6	23.8	133	119	60-140	11 30
Carbon tetrachloride	ug/L	ND	20	20	20	25.4	22.0	127	110	60-140	14 30
Chlorobenzene	ug/L	ND	20	20	20	23.4	21.0	117	105	60-140	11 30
Chloroethane	ug/L	ND	20	20	20	27.4	24.6	137	123	60-140	11 30
Chloroform	ug/L	ND	20	20	20	22.9	20.6	114	103	60-140	11 30
Chloromethane	ug/L	ND	20	20	20	24.3	21.6	121	107	60-140	12 30
cis-1,2-Dichloroethene	ug/L	ND	20	20	20	23.5	21.3	117	106	60-140	10 30
cis-1,3-Dichloropropene	ug/L	ND	20	20	20	25.4	22.3	127	111	60-140	13 30
Dibromochloromethane	ug/L	ND	20	20	20	25.5	22.3	127	112	60-140	13 30
Dibromomethane	ug/L	ND	20	20	20	25.2	22.1	126	111	60-140	13 30
Dichlorodifluoromethane	ug/L	ND	20	20	20	26.2	23.5	131	118	60-140	11 30
Diisopropyl ether	ug/L	7.6	20	20	20	29.1	27.1	108	97	60-140	7 30
Ethylbenzene	ug/L	ND	20	20	20	23.2	20.9	116	105	60-140	10 30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20	26.6	23.4	133	117	60-140	13 30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20	23.8	21.7	119	109	60-140	9 30
m&p-Xylene	ug/L	ND	40	40	40	46.6	41.5	116	104	60-140	12 30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3337190 3337191												
		92551300001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	4.0	20	20	27.6	25.5	118	107	60-140	8	30	
Methylene Chloride	ug/L	ND	20	20	21.4	18.9	107	94	60-140	13	30	
n-Butylbenzene	ug/L	ND	20	20	23.1	21.7	115	109	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	23.7	21.6	118	108	60-140	9	30	
Naphthalene	ug/L	ND	20	20	22.6	20.5	113	103	60-140	10	30	
o-Xylene	ug/L	2.3	20	20	26.0	22.9	118	103	60-140	13	30	
sec-Butylbenzene	ug/L	ND	20	20	23.5	21.8	118	109	60-140	8	30	
Styrene	ug/L	ND	20	20	24.6	21.3	123	106	60-140	14	30	
tert-Butylbenzene	ug/L	ND	20	20	19.8	18.0	99	90	60-140	10	30	
Tetrachloroethene	ug/L	ND	20	20	23.6	21.6	118	108	60-140	9	30	
Toluene	ug/L	ND	20	20	23.3	20.9	115	103	60-140	11	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.3	22.2	126	111	60-140	13	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	24.9	22.1	125	111	60-140	12	30	
Trichloroethene	ug/L	ND	20	20	24.5	22.3	123	111	60-140	10	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.6	22.5	123	112	60-140	9	30	
Vinyl chloride	ug/L	ND	20	20	25.7	23.3	128	117	60-140	10	30	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130			
4-Bromofluorobenzene (S)	%						100	98	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE
Pace Project No.: 92551297

QC Batch:	635875	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92551297003

METHOD BLANK: 3338970 Matrix: Water

Associated Lab Samples: 92551297003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/26/21 12:12	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/26/21 12:12	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/26/21 12:12	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/26/21 12:12	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/26/21 12:12	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/26/21 12:12	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/26/21 12:12	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/26/21 12:12	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/26/21 12:12	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/26/21 12:12	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/26/21 12:12	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/26/21 12:12	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/26/21 12:12	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/26/21 12:12	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/26/21 12:12	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/26/21 12:12	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/26/21 12:12	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/26/21 12:12	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/26/21 12:12	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/26/21 12:12	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/26/21 12:12	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/26/21 12:12	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/26/21 12:12	
Benzene	ug/L	ND	0.50	0.34	07/26/21 12:12	
Bromobenzene	ug/L	ND	0.50	0.29	07/26/21 12:12	
Bromochloromethane	ug/L	ND	0.50	0.47	07/26/21 12:12	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/26/21 12:12	
Bromoform	ug/L	ND	0.50	0.34	07/26/21 12:12	
Bromomethane	ug/L	ND	5.0	1.7	07/26/21 12:12	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/26/21 12:12	
Chlorobenzene	ug/L	ND	0.50	0.28	07/26/21 12:12	
Chloroethane	ug/L	ND	1.0	0.65	07/26/21 12:12	
Chloroform	ug/L	ND	0.50	0.35	07/26/21 12:12	
Chloromethane	ug/L	ND	1.0	0.54	07/26/21 12:12	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/26/21 12:12	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/26/21 12:12	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/26/21 12:12	
Dibromomethane	ug/L	ND	0.50	0.39	07/26/21 12:12	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/26/21 12:12	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/26/21 12:12	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE
Pace Project No.: 92551297

METHOD BLANK: 3338970

Matrix: Water

Associated Lab Samples: 92551297003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/26/21 12:12	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/26/21 12:12	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/26/21 12:12	
m&p-Xylene	ug/L	ND	1.0	0.71	07/26/21 12:12	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/26/21 12:12	
Methylene Chloride	ug/L	ND	2.0	2.0	07/26/21 12:12	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/26/21 12:12	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/26/21 12:12	
Naphthalene	ug/L	ND	2.0	0.64	07/26/21 12:12	
o-Xylene	ug/L	ND	0.50	0.34	07/26/21 12:12	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/26/21 12:12	
Styrene	ug/L	ND	0.50	0.29	07/26/21 12:12	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/26/21 12:12	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/26/21 12:12	
Toluene	ug/L	ND	0.50	0.48	07/26/21 12:12	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/26/21 12:12	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/26/21 12:12	
Trichloroethene	ug/L	ND	0.50	0.38	07/26/21 12:12	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/26/21 12:12	
Vinyl chloride	ug/L	ND	1.0	0.39	07/26/21 12:12	
1,2-Dichloroethane-d4 (S)	%	99	70-130		07/26/21 12:12	
4-Bromofluorobenzene (S)	%	97	70-130		07/26/21 12:12	
Toluene-d8 (S)	%	99	70-130		07/26/21 12:12	

LABORATORY CONTROL SAMPLE: 3338971

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.9	110	60-140	
1,1,1-Trichloroethane	ug/L	50	50.2	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	60-140	
1,1,2-Trichloroethane	ug/L	50	51.1	102	60-140	
1,1-Dichloroethane	ug/L	50	49.1	98	60-140	
1,1-Dichloroethene	ug/L	50	49.6	99	60-140	
1,1-Dichloropropene	ug/L	50	51.7	103	60-140	
1,2,3-Trichlorobenzene	ug/L	50	57.0	114	60-140	
1,2,3-Trichloropropane	ug/L	50	49.2	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.9	112	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.2	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	59.4	119	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.2	104	60-140	
1,2-Dichlorobenzene	ug/L	50	52.4	105	60-140	
1,2-Dichloroethane	ug/L	50	47.5	95	60-140	
1,2-Dichloropropane	ug/L	50	51.2	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	53.2	106	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

LABORATORY CONTROL SAMPLE: 3338971

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.5	105	60-140	
1,3-Dichloropropane	ug/L	50	50.6	101	60-140	
1,4-Dichlorobenzene	ug/L	50	52.3	105	60-140	
2,2-Dichloropropane	ug/L	50	56.1	112	60-140	
2-Chlorotoluene	ug/L	50	50.6	101	60-140	
4-Chlorotoluene	ug/L	50	50.0	100	60-140	
Benzene	ug/L	50	50.7	101	60-140	
Bromobenzene	ug/L	50	52.2	104	60-140	
Bromochloromethane	ug/L	50	52.6	105	60-140	
Bromodichloromethane	ug/L	50	51.2	102	60-140	
Bromoform	ug/L	50	59.9	120	60-140	
Bromomethane	ug/L	50	52.0	104	60-140	
Carbon tetrachloride	ug/L	50	52.6	105	60-140	
Chlorobenzene	ug/L	50	51.4	103	60-140	
Chloroethane	ug/L	50	50.8	102	60-140	
Chloroform	ug/L	50	46.4	93	60-140	
Chloromethane	ug/L	50	45.0	90	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.1	96	60-140	
cis-1,3-Dichloropropene	ug/L	50	55.2	110	60-140	
Dibromochloromethane	ug/L	50	57.6	115	60-140	
Dibromomethane	ug/L	50	53.0	106	60-140	
Dichlorodifluoromethane	ug/L	50	49.3	99	60-140	
Diisopropyl ether	ug/L	50	47.2	94	60-140	
Ethylbenzene	ug/L	50	50.8	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	55.7	111	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.5	105	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	50.4	101	60-140	
Methylene Chloride	ug/L	50	46.8	94	60-140	
n-Butylbenzene	ug/L	50	52.7	105	60-140	
n-Propylbenzene	ug/L	50	51.5	103	60-140	
Naphthalene	ug/L	50	56.2	112	60-140	
o-Xylene	ug/L	50	51.4	103	60-140	
sec-Butylbenzene	ug/L	50	52.8	106	60-140	
Styrene	ug/L	50	52.9	106	60-140	
tert-Butylbenzene	ug/L	50	42.8	86	60-140	
Tetrachloroethene	ug/L	50	50.3	101	60-140	
Toluene	ug/L	50	49.0	98	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	60-140	
trans-1,3-Dichloropropene	ug/L	50	54.8	110	60-140	
Trichloroethene	ug/L	50	51.1	102	60-140	
Trichlorofluoromethane	ug/L	50	46.6	93	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			88	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3338972	3338973									
Parameter	Units	92551297003	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.1	22.1	110	111	60-140	0	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	23.0	23.0	115	115	60-140	0	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.9	20.8	105	104	60-140	1	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	21.2	20.9	106	105	60-140	2	30		
1,1-Dichloroethane	ug/L	ND	20	20	21.9	22.6	109	113	60-140	4	30		
1,1-Dichloroethene	ug/L	ND	20	20	22.9	23.9	114	120	60-140	4	30		
1,1-Dichloropropene	ug/L	ND	20	20	23.2	24.4	116	122	60-140	5	30		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.3	23.1	107	116	60-140	8	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	19.6	20.7	98	104	60-140	5	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.8	23.4	104	117	60-140	12	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.3	22.5	111	113	60-140	1	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.3	22.3	111	111	60-140	0	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.3	22.2	107	111	60-140	4	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	20.9	21.7	105	109	60-140	4	30		
1,2-Dichloroethane	ug/L	ND	20	20	21.2	21.4	106	107	60-140	1	30		
1,2-Dichloropropane	ug/L	ND	20	20	21.1	22.1	105	110	60-140	5	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.8	22.5	109	112	60-140	3	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	21.4	22.1	107	111	60-140	3	30		
1,3-Dichloropropane	ug/L	ND	20	20	20.8	21.4	104	107	60-140	3	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	21.8	107	109	60-140	2	30		
2,2-Dichloropropane	ug/L	ND	20	20	25.0	25.9	125	130	60-140	3	30		
2-Chlorotoluene	ug/L	ND	20	20	21.5	21.9	107	109	60-140	2	30		
4-Chlorotoluene	ug/L	ND	20	20	21.1	21.2	105	106	60-140	1	30		
Benzene	ug/L	ND	20	20	21.8	22.2	109	111	60-140	2	30		
Bromobenzene	ug/L	ND	20	20	21.9	22.0	109	110	60-140	1	30		
Bromochloromethane	ug/L	ND	20	20	23.0	23.3	115	116	60-140	1	30		
Bromodichloromethane	ug/L	ND	20	20	21.2	22.0	106	110	60-140	4	30		
Bromoform	ug/L	ND	20	20	22.7	23.1	114	116	60-140	2	30		
Bromomethane	ug/L	ND	20	20	23.1	24.5	116	123	60-140	6	30		
Carbon tetrachloride	ug/L	ND	20	20	22.4	23.3	112	116	60-140	4	30		
Chlorobenzene	ug/L	ND	20	20	21.1	21.5	105	108	60-140	2	30		
Chloroethane	ug/L	ND	20	20	23.4	25.2	117	126	60-140	7	30		
Chloroform	ug/L	ND	20	20	20.5	21.5	102	108	60-140	5	30		
Chloromethane	ug/L	ND	20	20	21.5	21.8	106	108	60-140	1	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.7	22.1	108	111	60-140	2	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.5	22.4	108	112	60-140	4	30		
Dibromochloromethane	ug/L	ND	20	20	22.2	23.0	111	115	60-140	4	30		
Dibromomethane	ug/L	ND	20	20	22.8	22.5	114	113	60-140	1	30		
Dichlorodifluoromethane	ug/L	ND	20	20	23.0	23.8	115	119	60-140	3	30		
Diisopropyl ether	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30		
Ethylbenzene	ug/L	ND	20	20	21.5	22.1	108	110	60-140	2	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.2	22.6	111	113	60-140	2	30		
m&p-Xylene	ug/L	1.1	40	40	42.8	44.7	104	109	60-140	4	30		

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3338972 3338973												
		92551297003	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	21.5	22.3	108	111	60-140	3	30	
Methylene Chloride	ug/L	ND	20	20	19.2	20.0	96	100	60-140	4	30	
n-Butylbenzene	ug/L	ND	20	20	21.2	22.5	106	112	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	21.8	22.2	109	111	60-140	2	30	
Naphthalene	ug/L	ND	20	20	20.3	21.7	102	109	60-140	7	30	
o-Xylene	ug/L	0.58	20	20	21.7	22.7	106	111	60-140	4	30	
sec-Butylbenzene	ug/L	ND	20	20	21.5	22.9	107	115	60-140	7	30	
Styrene	ug/L	ND	20	20	22.1	22.5	111	113	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	17.9	18.9	89	94	60-140	6	30	
Tetrachloroethene	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
Toluene	ug/L	1.3	20	20	22.2	22.4	104	106	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	22.6	23.9	113	119	60-140	6	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.9	22.3	110	111	60-140	2	30	
Trichloroethene	ug/L	ND	20	20	21.7	22.3	108	112	60-140	3	30	
Trichlorofluoromethane	ug/L	ND	20	20	23.0	23.4	115	117	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	23.6	24.4	118	122	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	99	70-130			
Toluene-d8 (S)	%						99	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE

Pace Project No.: 92551297

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551297001	MW-04	SM 6200B	635531		
92551297002	MW-05	SM 6200B	635531		
92551297003	DUP-1-20210722	SM 6200B	635875		
92551297004	FB-1-20210722	SM 6200B	635531		
92551297005	TRIP BLANK	SM 6200B	635531		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 1 of 2
Issuing Authority:
Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name: AECOM

Project #: **WO# : 92551297**

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☒ Pace 7-23-21 ☐ Other: _____



Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials-Person-Examining-Contents: MB 7-22-21

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

Thermometer: ☒ IR Gun ID: 92T064 Type of Ice: ☒ Wet ☐ Blue ☐ None

☐ Yes ☐ No ☒ N/A

Cooler Temp: 16.1 Correction Factor: Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C
☒ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 16.0

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☒ Yes ☐ No ☐ N/A	4.	
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☐ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☒ Yes ☐ No ☐ N/A	8.	
Sample Labels Match COC?	☐ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>MB</u>			
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.	
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.	
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: BV

Date: 7/26/21

Project Manager SRF Review: BV

Date: 7/26/21



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92551297

PM: BV

Due Date: 07/26/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																7													
2																7													
3																7													
4																7													
5																7													
6																1835													
7																92551297													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>.

CHAIN-OF-CUSTODY / Analytical Request Document

Page: 1 of 1

Section A

Required Client Information:

Company: AECOM
Address: 6000 Fairview Road
Suite 200, Charlotte, NC 28226
Email:
Phone: (704) 622-0330
Requested Due Date: TAT: ASAP

Section B

Required Project Information:

Report To: Andrew Wroblewski
Copy To:
Purchase Order #:
Project Name: CPC Huntersville
Project #:
Requested Analysis: TAT: ASAP

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager:
Pace Profile #: 12518-3

Regulatory Agency

State/Location

NC

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, ., -) Sample IDs must be unique	MATRIX	CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Residual Chlorine (Y/N)	TEMP in C	Received on ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)	
				START	END			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol							Other
1	MW-04	Drinking Water	DW																		
2	MW-05	Drinking Water	DW																		
3	DUP-1-20210722	Drinking Water	DW																		
4	FB-1-20210722	Drinking Water	DW																		
5	Trip Blank	Drinking Water	DW																		
6		Drinking Water	DW																		
7		Drinking Water	DW																		
8		Drinking Water	DW																		
9		Drinking Water	DW																		
10		Drinking Water	DW																		
11		Drinking Water	DW																		
12		Drinking Water	DW																		
TAT: ASAP		Pace Project Manager: Emily Lane		Pace Profile #: 12518-3		Pace Quote: 7-22-21 17:35		Pace Project Manager: Emily Lane		Pace Profile #: 12518-3		Pace Quote: 7-22-21 17:35		Pace Project Manager: Emily Lane		Pace Profile #: 12518-3		Pace Quote: 7-22-21 17:35		Pace Project Manager: Emily Lane	

SAMPLE NAME AND SIGNATURE

PRINT Name of SAMPLER: Emily Lane

SIGNATURE of SAMPLER: Emily Lane

DATE Signed: 7/22/2021

TEMP in C

Received on ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

July 26, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE
Pace Project No.: 92551300

Dear Andrew Wreschnig:

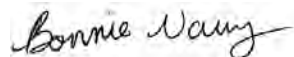
Enclosed are the analytical results for sample(s) received by the laboratory on July 22, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551300001	MW-25D	Water	07/22/21 13:22	07/22/21 17:35
92551300002	EB-1-20210722	Water	07/22/21 16:30	07/22/21 17:35
92551300003	TRIP BLANK	Water	07/22/21 00:00	07/22/21 17:35

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551300001	MW-25D	SM 6200B	PM1	4	PASI-C
92551300002	EB-1-20210722	SM 6200B	PM1	4	PASI-C
92551300003	TRIP BLANK	SM 6200B	PM1	4	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

Sample: MW-25D		Lab ID: 92551300001		Collected: 07/22/21 13:22		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	5.8	ug/L	0.50	0.34	1		07/23/21 15:55	71-43-2	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		07/23/21 15:55	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/23/21 15:55	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/23/21 15:55	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

Sample: EB-1-20210722		Lab ID: 92551300002		Collected: 07/22/21 16:30		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		07/23/21 13:31	71-43-2	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		07/23/21 13:31	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/23/21 13:31	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/23/21 13:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

Sample: TRIP BLANK		Lab ID: 92551300003		Collected: 07/22/21 00:00		Received: 07/22/21 17:35		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		07/23/21 13:49	71-43-2	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		07/23/21 13:49	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/23/21 13:49	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/23/21 13:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

QC Batch:	635531	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92551300001, 92551300002, 92551300003		

METHOD BLANK: 3337188 Matrix: Water

Associated Lab Samples: 92551300001, 92551300002, 92551300003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	ND	0.50	0.34	07/23/21 12:38	
1,2-Dichloroethane-d4 (S)	%	97	70-130		07/23/21 12:38	
4-Bromofluorobenzene (S)	%	98	70-130		07/23/21 12:38	
Toluene-d8 (S)	%	100	70-130		07/23/21 12:38	

LABORATORY CONTROL SAMPLE: 3337189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.6	97	60-140	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3337190 3337191

Parameter	Units	92551300001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	5.8	20	20	29.7	27.2	120	107	60-140	9	30	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130			
4-Bromofluorobenzene (S)	%						100	98	70-130			
Toluene-d8 (S)	%						98	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

DEFINITIONS

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ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

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Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

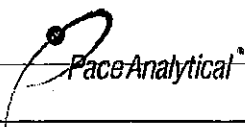
Project: CPC HUNTERSVILLE

Pace Project No.: 92551300

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551300001	MW-25D	SM 6200B	635531		
92551300002	EB-1-20210722	SM 6200B	635531		
92551300003	TRIP BLANK	SM 6200B	635531		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 1 of 2
Issuing Authority:
Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

Project #:

WO#: 92551300



92551300

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other: _____

Custody Seal Present? ☐ Yes ☐ No Seals Intact? ☐ Yes ☒ No

Date/Initials Person Examining Contents: 09/22/21

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

Thermometer:

☒ IR Gun ID:

92T064

Type of Ice:

☒ Wet ☐ Blue ☐ None

☐ Yes ☐ No ☒ N/A

Cooler Temp:

7.6, 1

Correction Factor:

Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C

☒ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

16.0

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☒ Yes ☐ No ☐ N/A	4.	
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☐ N/A	8.	
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>WI</u>			
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.	
Trlp Blank Present?	☒ Yes ☐ No ☐ N/A	11.	
Trlp Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____

Date/Time: _____

Project Manager SCURF Review:

BN

Date:

7/26/21

Project Manager SRF Review:

BN

Date:

7/26/21



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project **W0# : 92551300**

PM: BV

Due Date: 07/26/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (C-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (C-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (C-)	WGFLU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (C-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (C-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(C-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pace-standard-terms.pdf>.

CHAIN-OF-CUSTODY / Analytical Request Document

Section A

Required Client Information:

Company: AECOM
Address: 6000 Fairview Road
Suite 200 Charlotte, NC 28226
Email: (704)522-0330 Fax:
Phone: (704)522-0330
Requested Due Date: TAT: ASAP

Section B

Required Project Information:

Report To: Andrew Wresching
Copy To:
Purchase Order #:
Project Name: CPC Huntersville
Project #:

Section C

Invoice Information:

Attention: Company Name:
Address:
Page Quote: **Benjie Nang**
Pace Project Manager: **benjie.nang@pacelabs.com**
Pace Profile #: 12518-3

Page: 1 Of 1

Regulatory Agency:

State/Location:

NC

Requested Analysis Filtered (Y/N)

NC

ITEM #	SAMPLE ID One Character per box (A-Z, 0-9, -) Sample IDs must be unique	MATRIX Drinking Water Waste Water Waste Water Product Soil Oil Air Water Other Tissue	CODE DW WW WV P S O A W OT T	COLLECTED		START		END		SAMPLE TEMP AT COLLECTION		PRESERVATIVES		ANALYSIS TEST		Residual Chlorine (Y/N)	TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)											
				DATE	TIME	DATE	TIME	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol						Other	6200B	NC VPH	6010 Lead	Trip BLANK	BenZene by SM6200					
1	MTW-25D																														
2	EB-1-20210722																														
3	Trip Blank																														
4																															
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															
ADDITIONAL COMMENTS				RELINQUISHED TO				DATE				TIME				ACCEPTED BY / AFFILIATION				DATE				TIME				SAMPLE CONDITIONS			
TAT: ASAP				Emily L. Fort / AECOM				7/22/21				1735				Yael Williams / AECOM				7/22/21				1735				K.O. Y N Y			
NOTE: hold MW-25D VPH & 6010																															
Samples pending notification. Hold EB-1-20210722																															
VPH & 6010 samples pending notification																															

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed: 7/22/2021

Emily Lore
Emily L. Fort

August 06, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92552929

Dear Andrew Wreschnig:

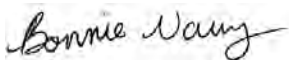
Enclosed are the analytical results for sample(s) received by the laboratory on August 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Soil Permit #: P330-19-00257

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92552929001	MW-67	Water	08/02/21 10:25	08/02/21 16:30
92552929002	DUP-1 20210802	Water	08/02/21 00:00	08/02/21 16:30
92552929003	MW-68	Water	08/02/21 12:10	08/02/21 16:30
92552929004	MW-42	Water	08/02/21 14:50	08/02/21 16:30
92552929005	MW-66	Water	08/02/21 14:35	08/02/21 16:30
92552929006	EB-1-20210802	Water	08/02/21 15:15	08/02/21 16:30
92552929007	TRIP BLANK	Water	08/02/21 00:00	08/02/21 16:30

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92552929001	MW-67	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	69	PASI-C
92552929002	DUP-1 20210802	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	69	PASI-C
92552929003	MW-68	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	69	PASI-C
92552929004	MW-42	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	69	PASI-C
92552929005	MW-66	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	69	PASI-C
92552929006	EB-1-20210802	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	69	PASI-C
92552929007	TRIP BLANK	SM 6200B	SAS	69	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-67		Lab ID: 92552929001		Collected: 08/02/21 10:25		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 18:24	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/03/21 22:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/03/21 22:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/03/21 22:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/03/21 22:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/03/21 22:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		08/03/21 22:07	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:09	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/03/21 23:45	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/03/21 23:45	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 23:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 23:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 23:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 23:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 23:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 23:45	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/03/21 23:45	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 23:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 23:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 23:45	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/03/21 23:45	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 23:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 23:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 23:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 23:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 23:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 23:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 23:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 23:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 23:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:45	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-67		Lab ID: 92552929001		Collected: 08/02/21 10:25		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 23:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 23:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 23:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 23:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 23:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 23:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 23:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 23:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 23:45	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/03/21 23:45	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 23:45	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/03/21 23:45	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 23:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 23:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 23:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 23:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 23:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 23:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 23:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 23:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 23:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 23:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 23:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 23:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 23:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 23:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 23:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 23:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 23:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 23:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 23:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	88	%	70-130		1		08/03/21 23:45	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/03/21 23:45	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/03/21 23:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: DUP-1 20210802 Lab ID: 92552929002 Collected: 08/02/21 00:00 Received: 08/02/21 16:30 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 18:33	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/03/21 22:35		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/03/21 22:35		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/03/21 22:35		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/03/21 22:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/03/21 22:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/03/21 22:35	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:35	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 00:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 00:03	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 00:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 00:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 00:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 00:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 00:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 00:03	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 00:03	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 00:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 00:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 00:03	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 00:03	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 00:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 00:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 00:03	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 00:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 00:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 00:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 00:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 00:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 00:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:03	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: DUP-1 20210802		Lab ID: 92552929002		Collected: 08/02/21 00:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 00:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 00:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 00:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 00:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 00:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 00:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 00:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 00:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 00:03	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 00:03	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 00:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 00:03	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 00:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 00:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 00:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 00:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 00:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 00:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 00:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 00:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 00:03	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 00:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 00:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 00:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 00:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 00:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 00:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 00:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 00:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 00:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 00:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		08/04/21 00:03	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 00:03	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/04/21 00:03	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-68		Lab ID: 92552929003		Collected: 08/02/21 12:10		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 18:42	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/03/21 23:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/03/21 23:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/03/21 23:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/03/21 23:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/03/21 23:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/03/21 23:04	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	5.2	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:38	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 00:21	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 00:21	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 00:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 00:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 00:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 00:21	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 00:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 00:21	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 00:21	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 00:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 00:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 00:21	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 00:21	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 00:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 00:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 00:21	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 00:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 00:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 00:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 00:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 00:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 00:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:21	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-68		Lab ID: 92552929003		Collected: 08/02/21 12:10		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 00:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 00:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 00:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 00:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 00:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 00:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 00:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 00:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 00:21	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 00:21	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 00:21	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 00:21	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 00:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 00:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 00:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 00:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 00:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:21	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 00:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 00:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 00:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 00:21	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 00:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 00:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 00:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 00:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 00:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 00:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 00:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 00:21	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 00:21	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 00:21	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		08/04/21 00:21	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		08/04/21 00:21	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/04/21 00:21	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-42		Lab ID: 92552929004		Collected: 08/02/21 14:50		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 18:51	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/03/21 23:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/03/21 23:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/03/21 23:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/03/21 23:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/03/21 23:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/03/21 23:32	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:41	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 00:39	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 00:39	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 00:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 00:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 00:39	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 00:39	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 00:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 00:39	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 00:39	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 00:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 00:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 00:39	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 00:39	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 00:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 00:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 00:39	75-00-3	
Chloroform	1.6	ug/L	0.50	0.35	1		08/04/21 00:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 00:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 00:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 00:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 00:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 00:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:39	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-42		Lab ID: 92552929004		Collected: 08/02/21 14:50		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 00:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 00:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 00:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 00:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 00:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 00:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 00:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 00:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 00:39	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 00:39	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 00:39	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 00:39	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 00:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 00:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 00:39	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 00:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 00:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:39	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 00:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 00:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 00:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 00:39	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 00:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 00:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 00:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 00:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 00:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 00:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 00:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 00:39	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 00:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 00:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		08/04/21 00:39	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 00:39	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/04/21 00:39	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-66		Lab ID: 92552929005		Collected: 08/02/21 14:35		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 19:01	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 00:01		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 00:01		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 00:01		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 00:01		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/04/21 00:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 00:01	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:44	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 00:57	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 00:57	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 00:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 00:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 00:57	74-97-5	
Bromodichloromethane	0.93	ug/L	0.50	0.31	1		08/04/21 00:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 00:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 00:57	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 00:57	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 00:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 00:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 00:57	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 00:57	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 00:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 00:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 00:57	75-00-3	
Chloroform	3.6	ug/L	0.50	0.35	1		08/04/21 00:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 00:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 00:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 00:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 00:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 00:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:57	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: MW-66		Lab ID: 92552929005		Collected: 08/02/21 14:35		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 00:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 00:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 00:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 00:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 00:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 00:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 00:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 00:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 00:57	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 00:57	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 00:57	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 00:57	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 00:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 00:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 00:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 00:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 00:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 00:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 00:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 00:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 00:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 00:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 00:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 00:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 00:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 00:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 00:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 00:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 00:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 00:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 00:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		08/04/21 00:57	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 00:57	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/04/21 00:57	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: EB-1-20210802 Lab ID: 92552929006 Collected: 08/02/21 15:15 Received: 08/02/21 16:30 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 19:10	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 00:29		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 00:29		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 00:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 00:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/04/21 00:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/04/21 00:29	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:48	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/03/21 23:08	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/03/21 23:08	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 23:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 23:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 23:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 23:08	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 23:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 23:08	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/03/21 23:08	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 23:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 23:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 23:08	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/03/21 23:08	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 23:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 23:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 23:08	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 23:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 23:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 23:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 23:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 23:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 23:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:08	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: EB-1-20210802		Lab ID: 92552929006		Collected: 08/02/21 15:15		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 23:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 23:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 23:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 23:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 23:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 23:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 23:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 23:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 23:08	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/03/21 23:08	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 23:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/03/21 23:08	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 23:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 23:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 23:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 23:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 23:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:08	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 23:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 23:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 23:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 23:08	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 23:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 23:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 23:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 23:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 23:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 23:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 23:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 23:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 23:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 23:08	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		08/03/21 23:08	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/03/21 23:08	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/03/21 23:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: TRIP BLANK		Lab ID: 92552929007		Collected: 08/02/21 00:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/03/21 23:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/03/21 23:27	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 23:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 23:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 23:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 23:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 23:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 23:27	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/03/21 23:27	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 23:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 23:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 23:27	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/03/21 23:27	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 23:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 23:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 23:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 23:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 23:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 23:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 23:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 23:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 23:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 23:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 23:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 23:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 23:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 23:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 23:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 23:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 23:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 23:27	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/03/21 23:27	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 23:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/03/21 23:27	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 23:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 23:27	98-82-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Sample: TRIP BLANK		Lab ID: 92552929007		Collected: 08/02/21 00:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 23:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 23:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 23:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 23:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 23:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 23:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 23:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 23:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 23:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 23:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 23:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 23:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 23:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 23:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 23:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 23:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 23:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		08/03/21 23:27	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/03/21 23:27	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/03/21 23:27	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

QC Batch:	633980	Analysis Method:	EPA 8015 Alcohol-Glycol
QC Batch Method:	EPA 8015 Alcohol-Glycol	Analysis Description:	EPA 8015 Modified
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006

METHOD BLANK: 2919456 Matrix: Water

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	5.0	0.13	08/04/21 18:14	

LABORATORY CONTROL SAMPLE: 2919457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	50	47.1	94	73-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2919458 2919459

Parameter	Units	92552929001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
n-Butanol	mg/L	ND	50	50	46.0	45.8	92	92	68-119	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

QC Batch:	637808	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006

METHOD BLANK: 3348626 Matrix: Water

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/03/21 21:39	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/03/21 21:39	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		08/03/21 21:39	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/03/21 21:39	

LABORATORY CONTROL SAMPLE & LCSD: 3348627		3348628								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	388	370	129	123	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	114	109	114	109	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

QC Batch:	637848	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006

METHOD BLANK:	3348740	Matrix:	Water
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Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/04/21 13:03	

LABORATORY CONTROL SAMPLE:	3348741
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Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	530	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:	3348742	3348743
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Parameter	Units	92552929001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	529	484	105	96	75-125	9	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

QC Batch:	637688	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006, 92552929007

METHOD BLANK: 3347723

Matrix: Water

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006, 92552929007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:50	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:50	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:50	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:50	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:50	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:50	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:50	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:50	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:50	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:50	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:50	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:50	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:50	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:50	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:50	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:50	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:50	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:50	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:50	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:50	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:50	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:50	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

METHOD BLANK: 3347723

Matrix: Water

Associated Lab Samples: 92552929001, 92552929002, 92552929003, 92552929004, 92552929005, 92552929006, 92552929007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/03/21 22:50	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/03/21 22:50	
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:50	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:50	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:50	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:50	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:50	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:50	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:50	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:50	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/03/21 22:50	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/03/21 22:50	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/03/21 22:50	
tert-Butyl Formate	ug/L	ND	50.0	29.4	08/03/21 22:50	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:50	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:50	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:50	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:50	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:50	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:50	
1,2-Dichloroethane-d4 (S)	%	93	70-130		08/03/21 22:50	
4-Bromofluorobenzene (S)	%	96	70-130		08/03/21 22:50	
Toluene-d8 (S)	%	100	70-130		08/03/21 22:50	

LABORATORY CONTROL SAMPLE: 3347724

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,1-Trichloroethane	ug/L	50	43.6	87	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1-Dichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethene	ug/L	50	44.7	89	60-140	
1,1-Dichloropropene	ug/L	50	45.8	92	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	43.8	88	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.3	95	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

LABORATORY CONTROL SAMPLE: 3347724

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	43.4	87	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.1	92	60-140	
1,2-Dichlorobenzene	ug/L	50	48.5	97	60-140	
1,2-Dichloroethane	ug/L	50	43.7	87	60-140	
1,2-Dichloropropane	ug/L	50	46.3	93	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.0	96	60-140	
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	48.9	98	60-140	
2,2-Dichloropropane	ug/L	50	44.3	89	60-140	
2-Chlorotoluene	ug/L	50	47.2	94	60-140	
4-Chlorotoluene	ug/L	50	45.4	91	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	49.1	98	60-140	
Bromodichloromethane	ug/L	50	46.0	92	60-140	
Bromoform	ug/L	50	45.5	91	60-140	
Bromomethane	ug/L	50	44.9	90	60-140	
Carbon tetrachloride	ug/L	50	46.6	93	60-140	
Chlorobenzene	ug/L	50	49.1	98	60-140	
Chloroethane	ug/L	50	50.5	101	60-140	
Chloroform	ug/L	50	44.5	89	60-140	
Chloromethane	ug/L	50	44.7	89	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.6	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.1	92	60-140	
Dibromochloromethane	ug/L	50	48.4	97	60-140	
Dibromomethane	ug/L	50	46.9	94	60-140	
Dichlorodifluoromethane	ug/L	50	47.0	94	60-140	
Diisopropyl ether	ug/L	50	42.3	85	60-140	
Ethanol	ug/L	2000	1870	93	60-140	
Ethyl-tert-butyl ether	ug/L	100	91.4	91	60-140	
Ethylbenzene	ug/L	50	47.6	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.9	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	94.2	94	60-140	
Methyl-tert-butyl ether	ug/L	50	42.7	85	60-140	
Methylene Chloride	ug/L	50	43.9	88	60-140	
n-Butylbenzene	ug/L	50	48.3	97	60-140	
n-Propylbenzene	ug/L	50	47.6	95	60-140	
Naphthalene	ug/L	50	44.9	90	60-140	
o-Xylene	ug/L	50	47.3	95	60-140	
sec-Butylbenzene	ug/L	50	47.4	95	60-140	
Styrene	ug/L	50	48.2	96	60-140	
tert-Amyl Alcohol	ug/L	1000	832	83	60-140	
tert-Amylmethyl ether	ug/L	100	92.4	92	60-140	
tert-Butyl Alcohol	ug/L	500	421	84	60-140	
tert-Butyl Formate	ug/L	400	340	85	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

LABORATORY CONTROL SAMPLE: 3347724

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	40.0	80	60-140	
Tetrachloroethene	ug/L	50	47.3	95	60-140	
Toluene	ug/L	50	45.7	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	60-140	
trans-1,3-Dichloropropene	ug/L	50	45.4	91	60-140	
Trichloroethene	ug/L	50	47.7	95	60-140	
Trichlorofluoromethane	ug/L	50	43.6	87	60-140	
Vinyl chloride	ug/L	50	46.6	93	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3347725 3347726

Parameter	Units	92552893004		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2030	2080	102	104	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1980	2010	99	100	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1920	1950	96	98	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	1970	1920	99	96	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	2020	2030	101	102	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	2090	2120	105	106	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1970	2030	99	102	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1890	1950	94	97	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1930	2040	96	102	60-140	5	30	
1,2,4-Trimethylbenzene	ug/L	2680	2000	2000	2000	4820	4910	107	111	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1840	1820	92	91	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	1970	1980	98	99	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	1980	2050	99	103	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1840	1920	92	96	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	2010	2040	101	102	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	670	2000	2000	2000	2740	2810	104	107	60-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2010	2020	100	101	60-140	1	30	
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1980	2060	99	103	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2010	2040	101	102	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1610	1650	81	82	60-140	2	30	
2-Chlorotoluene	ug/L	ND	2000	2000	2000	2160	2120	108	106	60-140	2	30	
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1880	1940	94	97	60-140	3	30	
Benzene	ug/L	ND	2000	2000	2000	2880	2930	144	146	60-140	2	30	M1
Bromobenzene	ug/L	ND	2000	2000	2000	2050	2070	102	104	60-140	1	30	
Bromochloromethane	ug/L	ND	2000	2000	2000	2070	2130	104	107	60-140	3	30	
Bromodichloromethane	ug/L	ND	2000	2000	2000	1910	1970	96	98	60-140	3	30	
Bromoform	ug/L	ND	2000	2000	2000	1800	1800	90	90	60-140	0	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3347725				3347726								
		92552893004	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Parameter	Units	Result										
Bromomethane	ug/L	ND	2000	2000	1810	2170	91	109	60-140	18	30	
Carbon tetrachloride	ug/L	ND	2000	2000	2050	2110	103	105	60-140	3	30	
Chlorobenzene	ug/L	ND	2000	2000	2140	2150	107	108	60-140	1	30	
Chloroethane	ug/L	ND	2000	2000	2580	2650	129	133	60-140	3	30	
Chloroform	ug/L	ND	2000	2000	1980	2010	98	100	60-140	1	30	
Chloromethane	ug/L	ND	2000	2000	1930	2040	96	102	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2040	100	102	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	1900	1900	95	95	60-140	0	30	
Dibromochloromethane	ug/L	ND	2000	2000	1970	2030	98	102	60-140	3	30	
Dibromomethane	ug/L	ND	2000	2000	2010	2040	100	102	60-140	2	30	
Dichlorodifluoromethane	ug/L	ND	2000	2000	2250	2250	112	113	60-140	0	30	
Diisopropyl ether	ug/L	ND	2000	2000	1860	1870	93	93	60-140	1	30	
Ethanol	ug/L	ND	80000	80000	82600	85300	103	107	60-140	3	30	
Ethyl-tert-butyl ether	ug/L	ND	4000	4000	3880	3990	97	100	60-140	3	30	
Ethylbenzene	ug/L	4360	2000	2000	6510	6810	108	123	60-140	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	1950	2080	97	104	60-140	6	30	
Isopropylbenzene (Cumene)	ug/L	200	2000	2000	2340	2390	107	109	60-140	2	30	
m&p-Xylene	ug/L	14200	4000	4000	18400	19300	105	127	60-140	5	30	
Methyl-tert-butyl ether	ug/L	83.0	2000	2000	1930	1970	92	95	60-140	2	30	
Methylene Chloride	ug/L	375	2000	2000	2330	2350	98	99	60-140	1	30	
n-Butylbenzene	ug/L	ND	2000	2000	2050	2120	103	106	60-140	3	30	
n-Propylbenzene	ug/L	430	2000	2000	2470	2490	102	103	60-140	1	30	
Naphthalene	ug/L	590	2000	2000	2430	2530	92	97	60-140	4	30	
o-Xylene	ug/L	7220	2000	2000	9360	9790	107	128	60-140	4	30	
sec-Butylbenzene	ug/L	ND	2000	2000	2070	2100	103	105	60-140	2	30	
Styrene	ug/L	ND	2000	2000	2040	2090	102	104	60-140	2	30	
tert-Amyl Alcohol	ug/L	ND	40000	40000	37100	36600	93	91	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	4000	4000	4070	4080	102	102	60-140	0	30	
tert-Butyl Alcohol	ug/L	ND	20000	20000	18600	18700	93	93	60-140	0	30	
tert-Butyl Formate	ug/L	ND	16000	16000	14200	14500	89	90	60-140	2	30	
tert-Butylbenzene	ug/L	ND	2000	2000	1770	1760	88	88	60-140	0	30	
Tetrachloroethene	ug/L	ND	2000	2000	2130	2090	106	105	60-140	1	30	
Toluene	ug/L	18800	2000	2000	20700	21600	94	140	60-140	4	30	E
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1980	2100	99	105	60-140	6	30	
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1870	1830	93	91	60-140	2	30	
Trichloroethene	ug/L	ND	2000	2000	2080	2150	104	108	60-140	3	30	
Trichlorofluoromethane	ug/L	ND	2000	2000	2080	2100	104	105	60-140	1	30	
Vinyl chloride	ug/L	ND	2000	2000	2160	2240	108	112	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						89	91	70-130			
4-Bromofluorobenzene (S)	%						97	97	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92552929

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92552929001	MW-67	EPA 8015 Alcohol-Glycol	633980		
92552929002	DUP-1 20210802	EPA 8015 Alcohol-Glycol	633980		
92552929003	MW-68	EPA 8015 Alcohol-Glycol	633980		
92552929004	MW-42	EPA 8015 Alcohol-Glycol	633980		
92552929005	MW-66	EPA 8015 Alcohol-Glycol	633980		
92552929006	EB-1-20210802	EPA 8015 Alcohol-Glycol	633980		
92552929001	MW-67	MADEP VPH	637808		
92552929002	DUP-1 20210802	MADEP VPH	637808		
92552929003	MW-68	MADEP VPH	637808		
92552929004	MW-42	MADEP VPH	637808		
92552929005	MW-66	MADEP VPH	637808		
92552929006	EB-1-20210802	MADEP VPH	637808		
92552929001	MW-67	EPA 3010A	637848	EPA 6010D	637864
92552929002	DUP-1 20210802	EPA 3010A	637848	EPA 6010D	637864
92552929003	MW-68	EPA 3010A	637848	EPA 6010D	637864
92552929004	MW-42	EPA 3010A	637848	EPA 6010D	637864
92552929005	MW-66	EPA 3010A	637848	EPA 6010D	637864
92552929006	EB-1-20210802	EPA 3010A	637848	EPA 6010D	637864
92552929001	MW-67	SM 6200B	637688		
92552929002	DUP-1 20210802	SM 6200B	637688		
92552929003	MW-68	SM 6200B	637688		
92552929004	MW-42	SM 6200B	637688		
92552929005	MW-66	SM 6200B	637688		
92552929006	EB-1-20210802	SM 6200B	637688		
92552929007	TRIP BLANK	SM 6200B	637688		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

AECOM Charlotte

Project #

WO# : 92552929



92552929

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client

☐ Commercial ☐ Pace ☐ Other: _____

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials-Person-Examining-Contents: 11/8/21

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer:

☒ IR Gun ID: 92T064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Cooler Temp: 1.8 Correction Factor: Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 1.7

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.	
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☐ Yes ☒ No ☐ N/A	8.	
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>			
Headspace in VOA Vials (>5-6mm)?	☒ Yes ☐ No ☐ N/A	10.	
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.	
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Headspace present in one VG9U for sample DUP-1-20210802

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles.**

Project #

WO# : 92552929

PM: BV

Due Date: 08/09/21

CLIENT: 92-AECOM CHA

	Item#	
	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	
	BP3U-250 mL Plastic Unpreserved (N/A)	
	BP2U-500 mL Plastic Unpreserved (N/A)	
	BP1U-1 liter Plastic Unpreserved (N/A)	
	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	
	BP3N-250 mL plastic HNO3 (pH < 2)	
	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	
	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	
	WGFU-Wide-mouthed Glass jar Unpreserved	
	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	
	AG1H-1 liter Amber HCl (pH < 2)	
	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	
	AG1S-1 liter Amber H2SO4 (pH < 2)	
	AG3S-250 mL Amber H2SO4 (pH < 2)	
	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	
	DG9H-40 mL VOA HCl (N/A)	7
	VG9T-40 mL VOA Na2S2O3 (N/A)	
	VG9U-40 mL VOA Unp (N/A)	3
	DG9P-40 mL VOA H3PO4 (N/A)	
	VOAK (6 vials per kit)-5035 kit (N/A)	
	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	
	SP5T-125 mL Sterile Plastic (N/A - lab)	
	SP2T-250 mL Sterile Plastic (N/A - lab)	
	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	
	AG0U-100 mL Amber Unpreserved vials (N/A)	
	VSGU-20 mL Scintillation vials (N/A)	
	DG9U-40 mL Amber Unpreserved vials (N/A)	

pH Adjustment Log for Preserved Samples						
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Blue



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately. Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	AECOM, Charlotte	Report To:	Andrew Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Charlotte, NC 28210			Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:	60639876	Pace Quote:	
Phone:	704-716-0757	Project Name:	benneft laundry 80942406-01	Pace Project Manager:	bonnie.vang@pacelabs.com
Requested Due Date:		Project #:	CPC Hattiesville - 60639876	Pace Profile #:	8458
Regulatory Agency		State / Location		NC	

Page : 1 Of 1

ITEM #	MATRIX	CODE	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	TEMP in C	Received on	Custody	Sealed	Cooler	Intact
			START	END													
1	MW-67	DW	8/2/21	1035	WT G	Mike de Kozlow sk	8/2/21	1630	Pace Hattiesville	8-2-21	16:30	1.7					
2	DUP-1-20210802	WW															
3	MW-68	Waste Water															
4	MW-42	Product															
5	MW-66	Soil/Solid															
6	EB-1-20210802	Oil															
7	Trip Blank	Wipe															
8		Air															
9		Other															
10		Tissue															
11																	
12																	

August 06, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE - 60639876
Pace Project No.: 92552963

Dear Andrew Wreschnig:

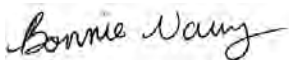
Enclosed are the analytical results for sample(s) received by the laboratory on August 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Soil Permit #: P330-19-00257

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92552963001	MW-64	Water	08/02/21 10:30	08/02/21 16:30
92552963002	MW-74	Water	08/02/21 10:50	08/02/21 16:30
92552963003	MW-65D	Water	08/02/21 11:15	08/02/21 16:30
92552963004	MW-75	Water	08/02/21 12:12	08/02/21 16:30
92552963005	MW-65	Water	08/02/21 12:40	08/02/21 16:30
92552963006	FB-2-20210802	Water	08/02/21 15:30	08/02/21 16:30
92552963008	MW-70	Water	08/02/21 15:30	08/02/21 16:30

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92552963001	MW-64	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	69	PASI-C
92552963002	MW-74	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92552963003	MW-65D	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92552963004	MW-75	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92552963005	MW-65	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92552963006	FB-2-20210802	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		SM 6200B	PM1	69	PASI-C
92552963008	MW-70	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	69	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-64		Lab ID: 92552963001		Collected: 08/02/21 10:30		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 21:13	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 00:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 00:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 00:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 00:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/04/21 00:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 00:57	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:51	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 01:15	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 01:15	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 01:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 01:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 01:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 01:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 01:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 01:15	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 01:15	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 01:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 01:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 01:15	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 01:15	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 01:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 01:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 01:15	75-00-3	
Chloroform	0.51	ug/L	0.50	0.35	1		08/04/21 01:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 01:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 01:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 01:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 01:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 01:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:15	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-64		Lab ID: 92552963001		Collected: 08/02/21 10:30		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 01:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 01:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 01:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 01:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 01:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 01:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 01:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 01:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 01:15	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 01:15	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 01:15	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 01:15	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 01:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 01:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 01:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 01:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 01:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 01:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 01:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 01:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 01:15	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 01:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 01:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 01:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 01:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 01:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 01:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 01:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 01:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 01:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 01:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		08/04/21 01:15	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 01:15	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		08/04/21 01:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-74		Lab ID: 92552963002		Collected: 08/02/21 10:50		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water		Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis							
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 19:29	71-36-3	
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 01:26		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 01:26		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 01:26		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 01:26		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/04/21 01:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 01:26	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	16.8	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:54	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 01:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 01:05	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 01:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 01:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 01:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 01:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 01:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 01:05	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 01:05	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 01:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 01:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 01:05	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 01:05	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 01:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 01:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 01:05	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 01:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 01:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 01:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 01:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 01:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 01:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:05	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-74		Lab ID: 92552963002		Collected: 08/02/21 10:50		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 01:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 01:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 01:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 01:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 01:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 01:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 01:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 01:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 01:05	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 01:05	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 01:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 01:05	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 01:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 01:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 01:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 01:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 01:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 01:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 01:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 01:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 01:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 01:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 01:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 01:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 01:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 01:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 01:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 01:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 01:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 01:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 01:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/04/21 01:05	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/04/21 01:05	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/04/21 01:05	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-65D		Lab ID: 92552963003		Collected: 08/02/21 11:15		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 19:38	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 01:54		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 01:54		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 01:54		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 01:54		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/04/21 01:54	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/04/21 01:54	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 13:57	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 01:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 01:23	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 01:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 01:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 01:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 01:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 01:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 01:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 01:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 01:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 01:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 01:23	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 01:23	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 01:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 01:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 01:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 01:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 01:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 01:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 01:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 01:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 01:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:23	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-65D		Lab ID: 92552963003		Collected: 08/02/21 11:15		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 01:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 01:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 01:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 01:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 01:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 01:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 01:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 01:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 01:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 01:23	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 01:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 01:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 01:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 01:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 01:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 01:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 01:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 01:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 01:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 01:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 01:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 01:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 01:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 01:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 01:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 01:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 01:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 01:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 01:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 01:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 01:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/04/21 01:23	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		08/04/21 01:23	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 01:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-75		Lab ID: 92552963004		Collected: 08/02/21 12:12		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 19:47	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 02:23		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 02:23		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 02:23		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 02:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/04/21 02:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/04/21 02:23	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	7.9	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 14:07	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 01:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 01:41	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 01:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 01:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 01:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 01:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 01:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 01:41	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 01:41	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 01:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 01:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 01:41	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 01:41	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 01:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 01:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 01:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 01:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 01:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 01:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 01:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 01:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 01:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:41	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-75		Lab ID: 92552963004		Collected: 08/02/21 12:12		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 01:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 01:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 01:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 01:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 01:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 01:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 01:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 01:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 01:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 01:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 01:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 01:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 01:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 01:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 01:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 01:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 01:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 01:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 01:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 01:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 01:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 01:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 01:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 01:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 01:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 01:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 01:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 01:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 01:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 01:41	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/04/21 01:41	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/04/21 01:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-65		Lab ID: 92552963005		Collected: 08/02/21 12:40		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 19:57	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 02:51		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 02:51		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 02:51		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 02:51		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/04/21 02:51	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 02:51	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	5.7	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 14:10	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 01:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 01:59	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 01:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 01:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 01:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 01:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 01:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 01:59	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 01:59	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 01:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 01:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 01:59	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 01:59	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 01:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 01:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 01:59	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 01:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 01:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 01:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 01:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 01:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 01:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 01:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:59	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-65		Lab ID: 92552963005		Collected: 08/02/21 12:40		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 01:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 01:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 01:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 01:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 01:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 01:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 01:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 01:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 01:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 01:59	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 01:59	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 01:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 01:59	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 01:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 01:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 01:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 01:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 01:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 01:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 01:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 01:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 01:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 01:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 01:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 01:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 01:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 01:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 01:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 01:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 01:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 01:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 01:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 01:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 01:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 01:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 01:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		08/04/21 01:59	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/04/21 01:59	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 01:59	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: FB-2-20210802		Lab ID: 92552963006		Collected: 08/02/21 15:30		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 20:06	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 03:19		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 03:19		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 03:19		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 03:19		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/04/21 03:19	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/04/21 03:19	460-00-4	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/03/21 22:26	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/03/21 22:26	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 22:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 22:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 22:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 22:26	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 22:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 22:26	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/03/21 22:26	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 22:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 22:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 22:26	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/03/21 22:26	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 22:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 22:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 22:26	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 22:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 22:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 22:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 22:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 22:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 22:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 22:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 22:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 22:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 22:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 22:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 22:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 22:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 22:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 22:26	75-35-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: FB-2-20210802		Lab ID: 92552963006		Collected: 08/02/21 15:30		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 22:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 22:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 22:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 22:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 22:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 22:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 22:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 22:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 22:26	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/03/21 22:26	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 22:26	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/03/21 22:26	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 22:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 22:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 22:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 22:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 22:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 22:26	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 22:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 22:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 22:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 22:26	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 22:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 22:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 22:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 22:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 22:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 22:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 22:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 22:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 22:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 22:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 22:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 22:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 22:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/03/21 22:26	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		08/03/21 22:26	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/03/21 22:26	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-70		Lab ID: 92552963008		Collected: 08/02/21 15:30		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 20:15	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 03:48		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 03:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 03:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 03:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/04/21 03:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 03:48	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	9.9	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 14:13	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 02:52	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 02:52	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 02:52	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 02:52	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 02:52	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 02:52	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 02:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 02:52	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 02:52	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 02:52	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 02:52	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 02:52	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 02:52	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 02:52	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 02:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 02:52	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 02:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 02:52	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 02:52	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 02:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 02:52	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 02:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 02:52	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 02:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 02:52	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Sample: MW-70		Lab ID: 92552963008		Collected: 08/02/21 15:30		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 02:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 02:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 02:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 02:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 02:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 02:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 02:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 02:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 02:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 02:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 02:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 02:52	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 02:52	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 02:52	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 02:52	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 02:52	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 02:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 02:52	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 02:52	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 02:52	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 02:52	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:52	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 02:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 02:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 02:52	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 02:52	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 02:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 02:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 02:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 02:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 02:52	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 02:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 02:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 02:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 02:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 02:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 02:52	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 02:52	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 02:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 02:52	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 02:52	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/04/21 02:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

QC Batch:	633980	Analysis Method:	EPA 8015 Alcohol-Glycol
QC Batch Method:	EPA 8015 Alcohol-Glycol	Analysis Description:	EPA 8015 Modified
		Laboratory:	Pace Analytical Services - Indianapolis

Associated Lab Samples: 92552963001, 92552963002, 92552963003, 92552963004, 92552963005, 92552963006, 92552963008

METHOD BLANK: 2919456 Matrix: Water

Associated Lab Samples: 92552963001, 92552963002, 92552963003, 92552963004, 92552963005, 92552963006, 92552963008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	5.0	0.13	08/04/21 18:14	

LABORATORY CONTROL SAMPLE: 2919457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	50	47.1	94	73-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2919458 2919459

Parameter	Units	92552929001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
n-Butanol	mg/L	ND	50	50	46.0	45.8	92	92	68-119	0	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

QC Batch:	637808	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92552963001, 92552963002, 92552963003, 92552963004, 92552963005, 92552963006, 92552963008

METHOD BLANK:	3348626	Matrix:	Water
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Associated Lab Samples: 92552963001, 92552963002, 92552963003, 92552963004, 92552963005, 92552963006, 92552963008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/03/21 21:39	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/03/21 21:39	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		08/03/21 21:39	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/03/21 21:39	

LABORATORY CONTROL SAMPLE & LCSD: 3348627			3348628							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	388	370	129	123	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	114	109	114	109	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

QC Batch: 637848

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92552963001, 92552963002, 92552963003, 92552963004, 92552963005, 92552963008

METHOD BLANK: 3348740

Matrix: Water

Associated Lab Samples: 92552963001, 92552963002, 92552963003, 92552963004, 92552963005, 92552963008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/04/21 13:03	

LABORATORY CONTROL SAMPLE: 3348741

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	530	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348742 3348743

Parameter	Units	92552929001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	529	484	105	96	75-125	9	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

QC Batch: 637688

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92552963001

METHOD BLANK: 3347723

Matrix: Water

Associated Lab Samples: 92552963001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:50	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:50	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:50	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:50	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:50	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:50	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:50	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:50	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:50	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:50	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:50	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:50	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:50	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:50	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:50	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:50	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:50	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:50	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:50	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:50	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:50	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:50	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:50	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:50	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:50	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:50	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:50	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:50	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:50	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:50	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:50	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:50	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:50	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:50	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:50	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:50	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:50	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

METHOD BLANK: 3347723

Matrix: Water

Associated Lab Samples: 92552963001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/03/21 22:50	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/03/21 22:50	
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:50	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:50	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:50	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:50	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:50	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:50	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:50	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:50	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:50	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:50	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:50	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:50	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/03/21 22:50	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/03/21 22:50	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/03/21 22:50	
tert-Butyl Formate	ug/L	ND	50.0	29.4	08/03/21 22:50	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:50	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:50	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:50	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:50	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:50	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:50	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:50	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:50	
1,2-Dichloroethane-d4 (S)	%	93	70-130		08/03/21 22:50	
4-Bromofluorobenzene (S)	%	96	70-130		08/03/21 22:50	
Toluene-d8 (S)	%	100	70-130		08/03/21 22:50	

LABORATORY CONTROL SAMPLE: 3347724

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,1-Trichloroethane	ug/L	50	43.6	87	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1-Dichloroethane	ug/L	50	45.9	92	60-140	
1,1-Dichloroethene	ug/L	50	44.7	89	60-140	
1,1-Dichloropropene	ug/L	50	45.8	92	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.0	94	60-140	
1,2,3-Trichloropropane	ug/L	50	43.8	88	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.3	95	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

LABORATORY CONTROL SAMPLE: 3347724

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	43.4	87	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.1	92	60-140	
1,2-Dichlorobenzene	ug/L	50	48.5	97	60-140	
1,2-Dichloroethane	ug/L	50	43.7	87	60-140	
1,2-Dichloropropane	ug/L	50	46.3	93	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.0	96	60-140	
1,3-Dichlorobenzene	ug/L	50	47.9	96	60-140	
1,3-Dichloropropane	ug/L	50	46.9	94	60-140	
1,4-Dichlorobenzene	ug/L	50	48.9	98	60-140	
2,2-Dichloropropane	ug/L	50	44.3	89	60-140	
2-Chlorotoluene	ug/L	50	47.2	94	60-140	
4-Chlorotoluene	ug/L	50	45.4	91	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.7	99	60-140	
Bromochloromethane	ug/L	50	49.1	98	60-140	
Bromodichloromethane	ug/L	50	46.0	92	60-140	
Bromoform	ug/L	50	45.5	91	60-140	
Bromomethane	ug/L	50	44.9	90	60-140	
Carbon tetrachloride	ug/L	50	46.6	93	60-140	
Chlorobenzene	ug/L	50	49.1	98	60-140	
Chloroethane	ug/L	50	50.5	101	60-140	
Chloroform	ug/L	50	44.5	89	60-140	
Chloromethane	ug/L	50	44.7	89	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.6	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.1	92	60-140	
Dibromochloromethane	ug/L	50	48.4	97	60-140	
Dibromomethane	ug/L	50	46.9	94	60-140	
Dichlorodifluoromethane	ug/L	50	47.0	94	60-140	
Diisopropyl ether	ug/L	50	42.3	85	60-140	
Ethanol	ug/L	2000	1870	93	60-140	
Ethyl-tert-butyl ether	ug/L	100	91.4	91	60-140	
Ethylbenzene	ug/L	50	47.6	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.9	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	94.2	94	60-140	
Methyl-tert-butyl ether	ug/L	50	42.7	85	60-140	
Methylene Chloride	ug/L	50	43.9	88	60-140	
n-Butylbenzene	ug/L	50	48.3	97	60-140	
n-Propylbenzene	ug/L	50	47.6	95	60-140	
Naphthalene	ug/L	50	44.9	90	60-140	
o-Xylene	ug/L	50	47.3	95	60-140	
sec-Butylbenzene	ug/L	50	47.4	95	60-140	
Styrene	ug/L	50	48.2	96	60-140	
tert-Amyl Alcohol	ug/L	1000	832	83	60-140	
tert-Amylmethyl ether	ug/L	100	92.4	92	60-140	
tert-Butyl Alcohol	ug/L	500	421	84	60-140	
tert-Butyl Formate	ug/L	400	340	85	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

LABORATORY CONTROL SAMPLE: 3347724

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	40.0	80	60-140	
Tetrachloroethene	ug/L	50	47.3	95	60-140	
Toluene	ug/L	50	45.7	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.1	90	60-140	
trans-1,3-Dichloropropene	ug/L	50	45.4	91	60-140	
Trichloroethene	ug/L	50	47.7	95	60-140	
Trichlorofluoromethane	ug/L	50	43.6	87	60-140	
Vinyl chloride	ug/L	50	46.6	93	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3347725 3347726

Parameter	Units	92552893004		MS	MSD	MS	MSD	MS	MSD	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	2030	2080	102	104	60-140	2	30	
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2000	1980	2010	99	100	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	2000	1920	1950	96	98	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	2000	2000	2000	1970	1920	99	96	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	2000	2000	2000	2020	2030	101	102	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	2000	2000	2000	2090	2120	105	106	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	2000	2000	2000	2040	2030	102	102	60-140	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	2000	1970	2030	99	102	60-140	3	30	
1,2,3-Trichloropropane	ug/L	ND	2000	2000	2000	1890	1950	94	97	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	2000	1930	2040	96	102	60-140	5	30	
1,2,4-Trimethylbenzene	ug/L	2680	2000	2000	2000	4820	4910	107	111	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	2000	1840	1820	92	91	60-140	1	30	
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	2000	1970	1980	98	99	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	2000	2000	2000	1980	2050	99	103	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	2000	2000	2000	1840	1920	92	96	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	2000	2000	2000	2010	2040	101	102	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	670	2000	2000	2000	2740	2810	104	107	60-140	2	30	
1,3-Dichlorobenzene	ug/L	ND	2000	2000	2000	2010	2020	100	101	60-140	1	30	
1,3-Dichloropropane	ug/L	ND	2000	2000	2000	1980	2060	99	103	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	2000	2000	2000	2010	2040	101	102	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	2000	2000	2000	1610	1650	81	82	60-140	2	30	
2-Chlorotoluene	ug/L	ND	2000	2000	2000	2160	2120	108	106	60-140	2	30	
4-Chlorotoluene	ug/L	ND	2000	2000	2000	1880	1940	94	97	60-140	3	30	
Benzene	ug/L	ND	2000	2000	2000	2880	2930	144	146	60-140	2	30	M1
Bromobenzene	ug/L	ND	2000	2000	2000	2050	2070	102	104	60-140	1	30	
Bromochloromethane	ug/L	ND	2000	2000	2000	2070	2130	104	107	60-140	3	30	
Bromodichloromethane	ug/L	ND	2000	2000	2000	1910	1970	96	98	60-140	3	30	
Bromoform	ug/L	ND	2000	2000	2000	1800	1800	90	90	60-140	0	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3347725				3347726								
		92552893004	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Parameter	Units	Result										
Bromomethane	ug/L	ND	2000	2000	1810	2170	91	109	60-140	18	30	
Carbon tetrachloride	ug/L	ND	2000	2000	2050	2110	103	105	60-140	3	30	
Chlorobenzene	ug/L	ND	2000	2000	2140	2150	107	108	60-140	1	30	
Chloroethane	ug/L	ND	2000	2000	2580	2650	129	133	60-140	3	30	
Chloroform	ug/L	ND	2000	2000	1980	2010	98	100	60-140	1	30	
Chloromethane	ug/L	ND	2000	2000	1930	2040	96	102	60-140	6	30	
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2000	2040	100	102	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	1900	1900	95	95	60-140	0	30	
Dibromochloromethane	ug/L	ND	2000	2000	1970	2030	98	102	60-140	3	30	
Dibromomethane	ug/L	ND	2000	2000	2010	2040	100	102	60-140	2	30	
Dichlorodifluoromethane	ug/L	ND	2000	2000	2250	2250	112	113	60-140	0	30	
Diisopropyl ether	ug/L	ND	2000	2000	1860	1870	93	93	60-140	1	30	
Ethanol	ug/L	ND	80000	80000	82600	85300	103	107	60-140	3	30	
Ethyl-tert-butyl ether	ug/L	ND	4000	4000	3880	3990	97	100	60-140	3	30	
Ethylbenzene	ug/L	4360	2000	2000	6510	6810	108	123	60-140	4	30	
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	1950	2080	97	104	60-140	6	30	
Isopropylbenzene (Cumene)	ug/L	200	2000	2000	2340	2390	107	109	60-140	2	30	
m&p-Xylene	ug/L	14200	4000	4000	18400	19300	105	127	60-140	5	30	
Methyl-tert-butyl ether	ug/L	83.0	2000	2000	1930	1970	92	95	60-140	2	30	
Methylene Chloride	ug/L	375	2000	2000	2330	2350	98	99	60-140	1	30	
n-Butylbenzene	ug/L	ND	2000	2000	2050	2120	103	106	60-140	3	30	
n-Propylbenzene	ug/L	430	2000	2000	2470	2490	102	103	60-140	1	30	
Naphthalene	ug/L	590	2000	2000	2430	2530	92	97	60-140	4	30	
o-Xylene	ug/L	7220	2000	2000	9360	9790	107	128	60-140	4	30	
sec-Butylbenzene	ug/L	ND	2000	2000	2070	2100	103	105	60-140	2	30	
Styrene	ug/L	ND	2000	2000	2040	2090	102	104	60-140	2	30	
tert-Amyl Alcohol	ug/L	ND	40000	40000	37100	36600	93	91	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	4000	4000	4070	4080	102	102	60-140	0	30	
tert-Butyl Alcohol	ug/L	ND	20000	20000	18600	18700	93	93	60-140	0	30	
tert-Butyl Formate	ug/L	ND	16000	16000	14200	14500	89	90	60-140	2	30	
tert-Butylbenzene	ug/L	ND	2000	2000	1770	1760	88	88	60-140	0	30	
Tetrachloroethene	ug/L	ND	2000	2000	2130	2090	106	105	60-140	1	30	
Toluene	ug/L	18800	2000	2000	20700	21600	94	140	60-140	4	30	E
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	1980	2100	99	105	60-140	6	30	
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1870	1830	93	91	60-140	2	30	
Trichloroethene	ug/L	ND	2000	2000	2080	2150	104	108	60-140	3	30	
Trichlorofluoromethane	ug/L	ND	2000	2000	2080	2100	104	105	60-140	1	30	
Vinyl chloride	ug/L	ND	2000	2000	2160	2240	108	112	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						89	91	70-130			
4-Bromofluorobenzene (S)	%						97	97	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

QC Batch: 637774

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92552963002, 92552963003, 92552963004, 92552963005, 92552963006, 92552963008

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92552963002, 92552963003, 92552963004, 92552963005, 92552963006, 92552963008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:08	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:08	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:08	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:08	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92552963002, 92552963003, 92552963004, 92552963005, 92552963006, 92552963008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/03/21 22:08	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/03/21 22:08	
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:08	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:08	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:08	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:08	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:08	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/03/21 22:08	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/03/21 22:08	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/03/21 22:08	
tert-Butyl Formate	ug/L	ND	50.0	29.4	08/03/21 22:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:08	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:08	
1,2-Dichloroethane-d4 (S)	%	101	70-130		08/03/21 22:08	
4-Bromofluorobenzene (S)	%	103	70-130		08/03/21 22:08	
Toluene-d8 (S)	%	101	70-130		08/03/21 22:08	

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	60-140	
1,1,1-Trichloroethane	ug/L	50	53.5	107	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethene	ug/L	50	55.8	112	60-140	
1,1-Dichloropropene	ug/L	50	56.4	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.8	106	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,2-Dichloroethane	ug/L	50	50.6	101	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.5	103	60-140	
1,3-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,3-Dichloropropane	ug/L	50	50.3	101	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	54.3	109	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	52.6	105	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.4	109	60-140	
Bromodichloromethane	ug/L	50	49.7	99	60-140	
Bromoform	ug/L	50	46.8	94	60-140	
Bromomethane	ug/L	50	61.6	123	60-140	
Carbon tetrachloride	ug/L	50	55.3	111	60-140	
Chlorobenzene	ug/L	50	50.3	101	60-140	
Chloroethane	ug/L	50	38.6	77	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	55.2	110	60-140	
Diisopropyl ether	ug/L	50	49.8	100	60-140	
Ethanol	ug/L	2000	2240	112	60-140	
Ethyl-tert-butyl ether	ug/L	100	106	106	60-140	
Ethylbenzene	ug/L	50	51.7	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	47.4	95	60-140	
n-Butylbenzene	ug/L	50	52.3	105	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	50.5	101	60-140	
tert-Amyl Alcohol	ug/L	1000	1060	106	60-140	
tert-Amylmethyl ether	ug/L	100	103	103	60-140	
tert-Butyl Alcohol	ug/L	500	492	98	60-140	
tert-Butyl Formate	ug/L	400	433	108	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	42.3	85	60-140	
Tetrachloroethene	ug/L	50	52.2	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	53.4	107	60-140	
Trichlorofluoromethane	ug/L	50	51.5	103	60-140	
Vinyl chloride	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303 3348304

Parameter	Units	92553065006		MS		MSD		MS	MSD	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	20	24.2	22.0	121	110	60-140	10	30			
1,1,1-Trichloroethane	ug/L	ND	20	20	20	27.6	24.1	138	120	60-140	14	30			
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20	22.6	20.6	113	103	60-140	9	30			
1,1,2-Trichloroethane	ug/L	ND	20	20	20	23.6	21.2	118	106	60-140	11	30			
1,1-Dichloroethane	ug/L	ND	20	20	20	27.6	24.1	138	120	60-140	14	30			
1,1-Dichloroethene	ug/L	ND	20	20	20	28.8	25.3	144	126	60-140	13	30	M1		
1,1-Dichloropropene	ug/L	ND	20	20	20	28.3	25.2	142	126	60-140	11	30	M1		
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20	24.0	23.1	120	115	60-140	4	30			
1,2,3-Trichloropropane	ug/L	ND	20	20	20	22.7	20.6	114	103	60-140	10	30			
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20	23.8	22.7	119	114	60-140	5	30			
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20	23.3	22.1	117	111	60-140	5	30			
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	20	21.2	20.6	106	103	60-140	3	30			
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20	24.1	21.0	121	105	60-140	14	30			
1,2-Dichlorobenzene	ug/L	ND	20	20	20	22.0	20.9	110	105	60-140	5	30			
1,2-Dichloroethane	ug/L	ND	20	20	20	25.1	22.3	125	112	60-140	12	30			
1,2-Dichloropropane	ug/L	ND	20	20	20	25.4	22.8	127	114	60-140	11	30			
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20	23.5	22.2	117	111	60-140	5	30			
1,3-Dichlorobenzene	ug/L	ND	20	20	20	22.7	21.3	114	106	60-140	6	30			
1,3-Dichloropropane	ug/L	ND	20	20	20	24.6	21.9	123	109	60-140	12	30			
1,4-Dichlorobenzene	ug/L	ND	20	20	20	22.8	22.2	114	111	60-140	3	30			
2,2-Dichloropropane	ug/L	ND	20	20	20	28.4	24.9	142	124	60-140	13	30	M1		
2-Chlorotoluene	ug/L	ND	20	20	20	23.2	21.7	116	109	60-140	6	30			
4-Chlorotoluene	ug/L	ND	20	20	20	21.9	20.8	109	104	60-140	5	30			
Benzene	ug/L	ND	20	20	20	26.6	23.7	133	118	60-140	12	30			
Bromobenzene	ug/L	ND	20	20	20	22.7	21.2	113	106	60-140	7	30			
Bromochloromethane	ug/L	ND	20	20	20	26.4	23.6	132	118	60-140	11	30			
Bromodichloromethane	ug/L	ND	20	20	20	24.4	22.1	122	110	60-140	10	30			
Bromoform	ug/L	ND	20	20	20	21.8	19.5	109	97	60-140	11	30			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3348303	3348304								
		92553065006	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits		Max RPD	
Parameter	Units	Result								RPD		Qual
Bromomethane	ug/L	ND	20	20	33.3	30.3	164	148	60-140	10	30	M1
Carbon tetrachloride	ug/L	ND	20	20	28.5	25.6	142	128	60-140	11	30	M1
Chlorobenzene	ug/L	ND	20	20	24.3	21.9	121	110	60-140	10	30	
Chloroethane	ug/L	ND	20	20	24.7	21.4	124	107	60-140	15	30	
Chloroform	ug/L	ND	20	20	23.9	21.6	119	108	60-140	10	30	
Chloromethane	ug/L	ND	20	20	24.9	21.8	124	109	60-140	13	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	26.6	23.4	133	117	60-140	13	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.6	22.4	123	112	60-140	9	30	
Dibromochloromethane	ug/L	ND	20	20	24.2	21.6	121	108	60-140	11	30	
Dibromomethane	ug/L	ND	20	20	24.1	21.8	121	109	60-140	10	30	
Dichlorodifluoromethane	ug/L	ND	20	20	28.7	25.0	143	125	60-140	14	30	M1
Diisopropyl ether	ug/L	ND	20	20	23.8	20.7	119	104	60-140	14	30	
Ethanol	ug/L	ND	800	800	1080	987	135	123	60-140	9	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	50.1	44.8	125	112	60-140	11	30	
Ethylbenzene	ug/L	ND	20	20	24.8	22.8	124	114	60-140	9	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.2	25.2	146	126	60-140	15	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.1	23.0	126	115	60-140	9	30	
m&p-Xylene	ug/L	ND	40	40	49.7	45.4	124	114	60-140	9	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	25.4	22.5	127	113	60-140	12	30	
Methylene Chloride	ug/L	ND	20	20	23.5	20.2	118	101	60-140	15	30	
n-Butylbenzene	ug/L	ND	20	20	24.9	23.1	125	115	60-140	8	30	
n-Propylbenzene	ug/L	ND	20	20	23.5	22.3	118	112	60-140	5	30	
Naphthalene	ug/L	ND	20	20	20.7	20.4	104	102	60-140	2	30	
o-Xylene	ug/L	ND	20	20	23.9	22.2	120	111	60-140	7	30	
sec-Butylbenzene	ug/L	ND	20	20	24.2	22.6	121	113	60-140	7	30	
Styrene	ug/L	ND	20	20	23.7	21.9	119	109	60-140	8	30	
tert-Amyl Alcohol	ug/L	ND	400	400	489	456	122	114	60-140	7	30	
tert-Amylmethyl ether	ug/L	ND	40	40	49.3	44.1	123	110	60-140	11	30	
tert-Butyl Alcohol	ug/L	ND	200	200	228	221	114	111	60-140	3	30	
tert-Butyl Formate	ug/L	ND	160	160	182	142	114	89	60-140	24	30	
tert-Butylbenzene	ug/L	ND	20	20	19.9	19.0	100	95	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	25.4	22.7	127	114	60-140	11	30	
Toluene	ug/L	ND	20	20	25.1	22.7	126	113	60-140	10	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	28.3	24.6	141	123	60-140	14	30	M1
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.3	21.0	116	105	60-140	10	30	
Trichloroethene	ug/L	ND	20	20	26.9	24.0	134	120	60-140	11	30	
Trichlorofluoromethane	ug/L	ND	20	20	27.4	24.3	137	122	60-140	12	30	
Vinyl chloride	ug/L	ND	20	20	27.3	23.8	137	119	60-140	14	30	
1,2-Dichloroethane-d4 (S)	%						105	99	70-130			
4-Bromofluorobenzene (S)	%						101	99	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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QUALIFIERS

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE - 60639876

Pace Project No.: 92552963

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92552963001	MW-64	EPA 8015 Alcohol-Glycol	633980		
92552963002	MW-74	EPA 8015 Alcohol-Glycol	633980		
92552963003	MW-65D	EPA 8015 Alcohol-Glycol	633980		
92552963004	MW-75	EPA 8015 Alcohol-Glycol	633980		
92552963005	MW-65	EPA 8015 Alcohol-Glycol	633980		
92552963006	FB-2-20210802	EPA 8015 Alcohol-Glycol	633980		
92552963008	MW-70	EPA 8015 Alcohol-Glycol	633980		
92552963001	MW-64	MADEP VPH	637808		
92552963002	MW-74	MADEP VPH	637808		
92552963003	MW-65D	MADEP VPH	637808		
92552963004	MW-75	MADEP VPH	637808		
92552963005	MW-65	MADEP VPH	637808		
92552963006	FB-2-20210802	MADEP VPH	637808		
92552963008	MW-70	MADEP VPH	637808		
92552963001	MW-64	EPA 3010A	637848	EPA 6010D	637864
92552963002	MW-74	EPA 3010A	637848	EPA 6010D	637864
92552963003	MW-65D	EPA 3010A	637848	EPA 6010D	637864
92552963004	MW-75	EPA 3010A	637848	EPA 6010D	637864
92552963005	MW-65	EPA 3010A	637848	EPA 6010D	637864
92552963008	MW-70	EPA 3010A	637848	EPA 6010D	637864
92552963001	MW-64	SM 6200B	637688		
92552963002	MW-74	SM 6200B	637774		
92552963003	MW-65D	SM 6200B	637774		
92552963004	MW-75	SM 6200B	637774		
92552963005	MW-65	SM 6200B	637774		
92552963006	FB-2-20210802	SM 6200B	637774		
92552963008	MW-70	SM 6200B	637774		

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

Project #

WO#: 92552963

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other: _____



92552963

Custody Seal Present? ☐ Yes ☐ No Seals Intact? ☐ Yes ☐ No

Date/Initials/Person-Examining-Contents: 7/8 8-3-21

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

Thermometer:

☐ Yes ☐ No ☒ N/A

☒ IR Gun ID: 92T064

☒ Wet ☐ Blue ☐ None

Type of Ice:

Correction Factor:

Cooler Temp: 2.7 Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 2.6

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

☐ Yes ☐ No

Comments/Discrepancy:

Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A	
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes ☒ No ☐ N/A	8.
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>		
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.
Trip Blank Present?	☐ Yes ☒ No ☐ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes ☒ No ☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Trip Blank is not present.

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92552963

PM: BV

Due Date: 08/10/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																7		3										
2																7		3										
3																7		3										
4																7		3										
5																7		3										
6																7		3										
7																7		3										
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 06, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE-60639876
Pace Project No.: 92553065

Dear Andrew Wreschnig:

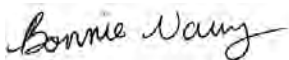
Enclosed are the analytical results for sample(s) received by the laboratory on August 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268

Illinois Accreditation #: 200074

Indiana Drinking Water Laboratory #: C-49-06

Kansas/TNI Certification #: E-10177

Kentucky UST Agency Interest #: 80226

Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050

Ohio VAP Certified Laboratory #: CL0065

Oklahoma Laboratory #: 9204

Texas Certification #: T104704355

Wisconsin Laboratory #: 999788130

USDA Soil Permit #: P330-19-00257

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553065001	MW-51	Water	08/02/21 10:10	08/02/21 16:30
92553065002	DUP-2-20210802	Water	08/02/21 00:00	08/02/21 16:30
92553065003	MW-62	Water	08/02/21 11:15	08/02/21 16:30
92553065004	MW-73	Water	08/02/21 12:11	08/02/21 16:30
92553065005	MW-45	Water	08/02/21 12:15	08/02/21 16:30
92553065006	MW-14D	Water	08/02/21 13:00	08/02/21 16:30
92553065007	EB-2-20210802	Water	08/02/21 13:45	08/02/21 16:30
92553065008	MW-86	Water	08/02/21 14:20	08/02/21 16:30
92553065009	MW-49	Water	08/02/21 13:40	08/02/21 16:30
92553065010	FB-1-20210802	Water	08/02/21 15:15	08/02/21 16:30
92553065011	TRIP BLANK	Water	08/02/21 00:00	08/02/21 16:30

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553065001	MW-51	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065002	DUP-2-20210802	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065003	MW-62	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065004	MW-73	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065005	MW-45	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065006	MW-14D	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065007	EB-2-20210802	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065008	MW-86	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065009	MW-49	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	PM1	69	PASI-C
92553065010	FB-1-20210802	EPA 8015 Alcohol-Glycol	CPH	1	PASI-I

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		MADEP VPH	MAD	6	PASI-C
		SM 6200B	PM1	69	PASI-C
92553065011	TRIP BLANK	SM 6200B	SAS	69	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-51		Lab ID: 92553065001		Collected: 08/02/21 10:10		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 15:40	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 04:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 04:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 04:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 04:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/04/21 04:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/04/21 04:16	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:18	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 03:45	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 03:45	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 03:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 03:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 03:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 03:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 03:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 03:45	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 03:45	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 03:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 03:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 03:45	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 03:45	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 03:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 03:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 03:45	75-00-3	
Chloroform	0.54	ug/L	0.50	0.35	1		08/04/21 03:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 03:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 03:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 03:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 03:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 03:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 03:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 03:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 03:45	106-46-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-51		Lab ID: 92553065001		Collected: 08/02/21 10:10		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 03:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 03:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 03:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 03:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 03:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 03:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 03:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 03:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 03:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 03:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 03:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 03:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 03:45	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 03:45	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 03:45	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 03:45	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 03:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 03:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 03:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 03:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 03:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 03:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 03:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 03:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 03:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 03:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 03:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 03:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 03:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 03:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 03:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 03:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 03:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 03:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 03:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 03:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 03:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 03:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		08/04/21 03:45	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/04/21 03:45	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 03:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: DUP-2-20210802		Lab ID: 92553065002		Collected: 08/02/21 00:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 15:49	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 04:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 04:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 04:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 04:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/04/21 04:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/04/21 04:45	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:30	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 04:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 04:03	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 04:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 04:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 04:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 04:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 04:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 04:03	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 04:03	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 04:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 04:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 04:03	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 04:03	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 04:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 04:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 04:03	75-00-3	
Chloroform	0.51	ug/L	0.50	0.35	1		08/04/21 04:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 04:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 04:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 04:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 04:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 04:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 04:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 04:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 04:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 04:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 04:03	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: DUP-2-20210802		Lab ID: 92553065002		Collected: 08/02/21 00:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 04:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 04:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 04:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 04:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 04:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 04:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 04:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 04:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 04:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 04:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 04:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 04:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 04:03	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 04:03	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 04:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 04:03	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 04:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 04:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 04:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 04:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 04:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 04:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 04:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 04:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 04:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 04:03	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 04:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 04:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 04:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 04:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 04:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 04:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 04:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 04:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 04:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 04:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 04:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 04:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 04:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 04:03	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		08/04/21 04:03	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 04:03	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-62		Lab ID: 92553065003		Collected: 08/02/21 11:15		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 15:59	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 05:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 05:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 05:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 05:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/04/21 05:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		08/04/21 05:13	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	9.8	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:34	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 00:30	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 00:30	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 00:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 00:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 00:30	74-97-5	
Bromodichloromethane	0.36J	ug/L	0.50	0.31	1		08/04/21 00:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 00:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 00:30	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 00:30	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 00:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 00:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 00:30	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 00:30	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 00:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 00:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 00:30	75-00-3	
Chloroform	1.6	ug/L	0.50	0.35	1		08/04/21 00:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 00:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 00:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 00:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 00:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 00:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:30	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-62		Lab ID: 92553065003		Collected: 08/02/21 11:15		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 00:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 00:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 00:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 00:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 00:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 00:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 00:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 00:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 00:30	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 00:30	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 00:30	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 00:30	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 00:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 00:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 00:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 00:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 00:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 00:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 00:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 00:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 00:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 00:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 00:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 00:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 00:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 00:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 00:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 00:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 00:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 00:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 00:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 00:30	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/04/21 00:30	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 00:30	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-73		Lab ID: 92553065004		Collected: 08/02/21 12:11		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 16:08	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 05:42		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 05:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 05:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 05:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/04/21 05:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		08/04/21 05:42	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	5.5	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:43	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 00:48	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 00:48	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 00:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 00:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 00:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 00:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 00:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 00:48	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 00:48	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 00:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 00:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 00:48	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 00:48	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 00:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 00:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 00:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 00:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 00:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 00:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 00:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 00:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 00:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:48	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-73		Lab ID: 92553065004		Collected: 08/02/21 12:11		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 00:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 00:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 00:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 00:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 00:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 00:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 00:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 00:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 00:48	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 00:48	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 00:48	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 00:48	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 00:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 00:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 00:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 00:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 00:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 00:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 00:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 00:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 00:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 00:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 00:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 00:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 00:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 00:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 00:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 00:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 00:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 00:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 00:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 00:48	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 00:48	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 00:48	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-45		Lab ID: 92553065005		Collected: 08/02/21 12:15		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 16:17	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 06:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 06:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 06:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 06:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/04/21 06:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/04/21 06:10	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:46	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 03:10	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 03:10	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 03:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 03:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 03:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 03:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 03:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 03:10	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 03:10	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 03:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 03:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 03:10	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 03:10	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 03:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 03:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 03:10	75-00-3	
Chloroform	0.43J	ug/L	0.50	0.35	1		08/04/21 03:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 03:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 03:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 03:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 03:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 03:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 03:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 03:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 03:10	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-45		Lab ID: 92553065005		Collected: 08/02/21 12:15		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 03:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 03:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 03:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 03:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 03:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 03:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 03:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 03:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 03:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 03:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 03:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 03:10	10061-02-6	
Diisopropyl ether	0.84	ug/L	0.50	0.31	1		08/04/21 03:10	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 03:10	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 03:10	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 03:10	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 03:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 03:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 03:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 03:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 03:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 03:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 03:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 03:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 03:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 03:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 03:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 03:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 03:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 03:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 03:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 03:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 03:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 03:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 03:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 03:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 03:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 03:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 03:10	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/04/21 03:10	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 03:10	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-14D Lab ID: 92553065006 Collected: 08/02/21 13:00 Received: 08/02/21 16:30 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 16:26	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 06:38		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 06:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 06:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 06:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/04/21 06:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/04/21 06:38	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:50	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/03/21 23:19	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/03/21 23:19	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 23:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 23:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 23:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 23:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 23:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 23:19	74-83-9	M1
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/03/21 23:19	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 23:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 23:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 23:19	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/03/21 23:19	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 23:19	56-23-5	M1
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 23:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 23:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 23:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 23:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 23:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 23:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 23:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 23:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:19	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-14D		Lab ID: 92553065006		Collected: 08/02/21 13:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 23:19	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 23:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 23:19	75-35-4	M1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 23:19	156-60-5	M1
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 23:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 23:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 23:19	594-20-7	M1
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 23:19	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 23:19	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/03/21 23:19	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 23:19	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/03/21 23:19	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 23:19	87-68-3	M1
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 23:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 23:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 23:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 23:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 23:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 23:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 23:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 23:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 23:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 23:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 23:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 23:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 23:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 23:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 23:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 23:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 23:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 23:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/03/21 23:19	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/03/21 23:19	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/03/21 23:19	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: EB-2-20210802 Lab ID: 92553065007 Collected: 08/02/21 13:45 Received: 08/02/21 16:30 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 16:36	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 07:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 07:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 07:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 07:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/04/21 07:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 07:07	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:53	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 14:30	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 14:30	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 14:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 14:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 14:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 14:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 14:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 14:30	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 14:30	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 14:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 14:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 14:30	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 14:30	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 14:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 14:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 14:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 14:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 14:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 14:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 14:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 14:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 14:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:30	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: EB-2-20210802		Lab ID: 92553065007		Collected: 08/02/21 13:45		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 14:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 14:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 14:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 14:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 14:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 14:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 14:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 14:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 14:30	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 14:30	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 14:30	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 14:30	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 14:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 14:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 14:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 14:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 14:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 14:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 14:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 14:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 14:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 14:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 14:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 14:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 14:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 14:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 14:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 14:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 14:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 14:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 14:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 14:30	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		08/04/21 14:30	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/04/21 14:30	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-86		Lab ID: 92553065008		Collected: 08/02/21 14:20		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 16:45	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 16:30		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 16:30		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 16:30		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 16:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		08/04/21 16:30	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/04/21 16:30	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:56	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 02:16	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 02:16	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 02:16	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 02:16	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 02:16	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 02:16	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 02:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 02:16	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 02:16	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 02:16	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 02:16	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 02:16	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 02:16	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 02:16	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 02:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 02:16	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 02:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 02:16	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 02:16	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 02:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 02:16	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 02:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 02:16	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 02:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 02:16	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-86		Lab ID: 92553065008		Collected: 08/02/21 14:20		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 02:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 02:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 02:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 02:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 02:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 02:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 02:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 02:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 02:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 02:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 02:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 02:16	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 02:16	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 02:16	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 02:16	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 02:16	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 02:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 02:16	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 02:16	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 02:16	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 02:16	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:16	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 02:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 02:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 02:16	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 02:16	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 02:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 02:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 02:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 02:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 02:16	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 02:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 02:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 02:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 02:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 02:16	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 02:16	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 02:16	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 02:16	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/04/21 02:16	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		08/04/21 02:16	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 02:16	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-49		Lab ID: 92553065009		Collected: 08/02/21 13:40		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 16:54	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 16:59		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 16:59		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 16:59		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 16:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/04/21 16:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/04/21 16:59	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/04/21 02:00	08/04/21 12:59	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 02:34	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 02:34	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 02:34	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 02:34	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 02:34	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 02:34	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 02:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 02:34	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 02:34	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 02:34	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 02:34	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 02:34	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 02:34	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 02:34	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 02:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 02:34	75-00-3	
Chloroform	0.46J	ug/L	0.50	0.35	1		08/04/21 02:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 02:34	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 02:34	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 02:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 02:34	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 02:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 02:34	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 02:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 02:34	106-46-7	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: MW-49		Lab ID: 92553065009		Collected: 08/02/21 13:40		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 02:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 02:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 02:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 02:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 02:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 02:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 02:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 02:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 02:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 02:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 02:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 02:34	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 02:34	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 02:34	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 02:34	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 02:34	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 02:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 02:34	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 02:34	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 02:34	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 02:34	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 02:34	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 02:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 02:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 02:34	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 02:34	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 02:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 02:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 02:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 02:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 02:34	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 02:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 02:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 02:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 02:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 02:34	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 02:34	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 02:34	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 02:34	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 02:34	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 02:34	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 02:34	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: FB-1-20210802 Lab ID: 92553065010 Collected: 08/02/21 15:15 Received: 08/02/21 16:30 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/04/21 17:03	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 17:27		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 17:27		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 17:27		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 17:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/04/21 17:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/04/21 17:27	460-00-4	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/03/21 22:43	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/03/21 22:43	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 22:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 22:43	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 22:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 22:43	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 22:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 22:43	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/03/21 22:43	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 22:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 22:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 22:43	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/03/21 22:43	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 22:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 22:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 22:43	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 22:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 22:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 22:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 22:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 22:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 22:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 22:43	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 22:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 22:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 22:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 22:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 22:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 22:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 22:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 22:43	75-35-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: FB-1-20210802 Lab ID: 92553065010 Collected: 08/02/21 15:15 Received: 08/02/21 16:30 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 22:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 22:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 22:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 22:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 22:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 22:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 22:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 22:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 22:43	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/03/21 22:43	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 22:43	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/03/21 22:43	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 22:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 22:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 22:43	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 22:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 22:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 22:43	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 22:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 22:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 22:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 22:43	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 22:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 22:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 22:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 22:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 22:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 22:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 22:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 22:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 22:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 22:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 22:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 22:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 22:43	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/03/21 22:43	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/03/21 22:43	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/03/21 22:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: TRIP BLANK		Lab ID: 92553065011		Collected: 08/02/21 00:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 11:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 11:47	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 11:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 11:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 11:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 11:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 11:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 11:47	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 11:47	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 11:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 11:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 11:47	98-06-6	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		08/04/21 11:47	762-75-4	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 11:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 11:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 11:47	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 11:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 11:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 11:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 11:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 11:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 11:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 11:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 11:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 11:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 11:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 11:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 11:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 11:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 11:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 11:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 11:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 11:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 11:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 11:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 11:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 11:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 11:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 11:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 11:47	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 11:47	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 11:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 11:47	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 11:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 11:47	98-82-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Sample: TRIP BLANK		Lab ID: 92553065011		Collected: 08/02/21 00:00		Received: 08/02/21 16:30		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 11:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 11:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 11:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 11:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 11:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 11:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 11:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 11:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 11:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 11:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 11:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 11:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 11:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 11:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 11:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 11:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 11:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 11:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 11:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 11:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 11:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 11:47	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 11:47	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/04/21 11:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

QC Batch:	633924	Analysis Method:	EPA 8015 Alcohol-Glycol
QC Batch Method:	EPA 8015 Alcohol-Glycol	Analysis Description:	EPA 8015 Modified
		Laboratory:	Pace Analytical Services - Indianapolis
Associated Lab Samples:	92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065007, 92553065008, 92553065009, 92553065010		

METHOD BLANK:	2919237	Matrix:	Water
Associated Lab Samples:	92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065007, 92553065008, 92553065009, 92553065010		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	5.0	0.13	08/04/21 15:31	

LABORATORY CONTROL SAMPLE: 2919238						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	50	46.0	92	73-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					2919239								2919240			
Parameter	Units	92553065001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual				
n-Butanol	mg/L	ND	50	50	44.6	47.7	89	95	68-119	7	20					

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

QC Batch:	637808	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065007

METHOD BLANK:	3348626	Matrix:	Water
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Associated Lab Samples: 92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/03/21 21:39	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/03/21 21:39	N2
4-Bromofluorobenzene (FID) (S)	%	101	70-130		08/03/21 21:39	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/03/21 21:39	

LABORATORY CONTROL SAMPLE & LCSD:		3348628								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	388	370	129	123	70-130	5	25	N2
Aromatic (C09-C10)	ug/L	100	114	109	114	109	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				97	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				98	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

QC Batch:	638056	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92553065008, 92553065009, 92553065010

METHOD BLANK: 3349728 Matrix: Water

Associated Lab Samples: 92553065008, 92553065009, 92553065010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 15:33	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 15:33	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/04/21 15:33	
4-Bromofluorobenzene (PID) (S)	%	108	70-130		08/04/21 15:33	

LABORATORY CONTROL SAMPLE & LCSD: 3349729

		3349730								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	363	358	121	119	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	108	108	108	108	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

QC Batch:	637849	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065007, 92553065008, 92553065009		

METHOD BLANK:	3348744	Matrix:	Water
Associated Lab Samples:	92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065007, 92553065008, 92553065009		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/04/21 12:11	

LABORATORY CONTROL SAMPLE: 3348745						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	518	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:													3348746	3348747			
Parameter	Units	92553065001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual					
Lead	ug/L	ND	500	500	470	516	94	103	75-125	9	20						

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

QC Batch:	637774	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065008, 92553065009, 92553065010		

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065008, 92553065009, 92553065010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:08	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:08	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:08	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:08	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92553065001, 92553065002, 92553065003, 92553065004, 92553065005, 92553065006, 92553065008, 92553065009, 92553065010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:08	
Ethanol	ug/L	ND	200	72.2	08/03/21 22:08	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/03/21 22:08	
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:08	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:08	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:08	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:08	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:08	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/03/21 22:08	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/03/21 22:08	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/03/21 22:08	
tert-Butyl Formate	ug/L	ND	50.0	29.4	08/03/21 22:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:08	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:08	
1,2-Dichloroethane-d4 (S)	%	101	70-130		08/03/21 22:08	
4-Bromofluorobenzene (S)	%	103	70-130		08/03/21 22:08	
Toluene-d8 (S)	%	101	70-130		08/03/21 22:08	

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	60-140	
1,1,1-Trichloroethane	ug/L	50	53.5	107	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethene	ug/L	50	55.8	112	60-140	
1,1-Dichloropropene	ug/L	50	56.4	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.8	106	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,2-Dichloroethane	ug/L	50	50.6	101	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.5	103	60-140	
1,3-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,3-Dichloropropane	ug/L	50	50.3	101	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	54.3	109	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	52.6	105	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.4	109	60-140	
Bromodichloromethane	ug/L	50	49.7	99	60-140	
Bromoform	ug/L	50	46.8	94	60-140	
Bromomethane	ug/L	50	61.6	123	60-140	
Carbon tetrachloride	ug/L	50	55.3	111	60-140	
Chlorobenzene	ug/L	50	50.3	101	60-140	
Chloroethane	ug/L	50	38.6	77	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	55.2	110	60-140	
Diisopropyl ether	ug/L	50	49.8	100	60-140	
Ethanol	ug/L	2000	2240	112	60-140	
Ethyl-tert-butyl ether	ug/L	100	106	106	60-140	
Ethylbenzene	ug/L	50	51.7	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	47.4	95	60-140	
n-Butylbenzene	ug/L	50	52.3	105	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	50.5	101	60-140	
tert-Amyl Alcohol	ug/L	1000	1060	106	60-140	
tert-Amylmethyl ether	ug/L	100	103	103	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butyl Alcohol	ug/L	500	492	98	60-140	
tert-Butyl Formate	ug/L	400	433	108	60-140	
tert-Butylbenzene	ug/L	50	42.3	85	60-140	
Tetrachloroethene	ug/L	50	52.2	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	53.4	107	60-140	
Trichlorofluoromethane	ug/L	50	51.5	103	60-140	
Vinyl chloride	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303 3348304

Parameter	Units	92553065006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	24.2	22.0	121	110	60-140	10	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.6	20.6	113	103	60-140	9	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	23.6	21.2	118	106	60-140	11	30	
1,1-Dichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30	
1,1-Dichloroethene	ug/L	ND	20	20	28.8	25.3	144	126	60-140	13	30	M1
1,1-Dichloropropene	ug/L	ND	20	20	28.3	25.2	142	126	60-140	11	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.0	23.1	120	115	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.7	20.6	114	103	60-140	10	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.8	22.7	119	114	60-140	5	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.3	22.1	117	111	60-140	5	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.2	20.6	106	103	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.1	21.0	121	105	60-140	14	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	20.9	110	105	60-140	5	30	
1,2-Dichloroethane	ug/L	ND	20	20	25.1	22.3	125	112	60-140	12	30	
1,2-Dichloropropane	ug/L	ND	20	20	25.4	22.8	127	114	60-140	11	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.7	21.3	114	106	60-140	6	30	
1,3-Dichloropropane	ug/L	ND	20	20	24.6	21.9	123	109	60-140	12	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.2	114	111	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	28.4	24.9	142	124	60-140	13	30	M1
2-Chlorotoluene	ug/L	ND	20	20	23.2	21.7	116	109	60-140	6	30	
4-Chlorotoluene	ug/L	ND	20	20	21.9	20.8	109	104	60-140	5	30	
Benzene	ug/L	ND	20	20	26.6	23.7	133	118	60-140	12	30	
Bromobenzene	ug/L	ND	20	20	22.7	21.2	113	106	60-140	7	30	
Bromochloromethane	ug/L	ND	20	20	26.4	23.6	132	118	60-140	11	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303				3348304								
		92553065006	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits		Max RPD	
Parameter	Units	Result								RPD		Qual
Bromodichloromethane	ug/L	ND	20	20	24.4	22.1	122	110	60-140	10	30	
Bromoform	ug/L	ND	20	20	21.8	19.5	109	97	60-140	11	30	
Bromomethane	ug/L	ND	20	20	33.3	30.3	164	148	60-140	10	30	M1
Carbon tetrachloride	ug/L	ND	20	20	28.5	25.6	142	128	60-140	11	30	M1
Chlorobenzene	ug/L	ND	20	20	24.3	21.9	121	110	60-140	10	30	
Chloroethane	ug/L	ND	20	20	24.7	21.4	124	107	60-140	15	30	
Chloroform	ug/L	ND	20	20	23.9	21.6	119	108	60-140	10	30	
Chloromethane	ug/L	ND	20	20	24.9	21.8	124	109	60-140	13	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	26.6	23.4	133	117	60-140	13	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.6	22.4	123	112	60-140	9	30	
Dibromochloromethane	ug/L	ND	20	20	24.2	21.6	121	108	60-140	11	30	
Dibromomethane	ug/L	ND	20	20	24.1	21.8	121	109	60-140	10	30	
Dichlorodifluoromethane	ug/L	ND	20	20	28.7	25.0	143	125	60-140	14	30	M1
Diisopropyl ether	ug/L	ND	20	20	23.8	20.7	119	104	60-140	14	30	
Ethanol	ug/L	ND	800	800	1080	987	135	123	60-140	9	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	50.1	44.8	125	112	60-140	11	30	
Ethylbenzene	ug/L	ND	20	20	24.8	22.8	124	114	60-140	9	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.2	25.2	146	126	60-140	15	30	M1
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.1	23.0	126	115	60-140	9	30	
m&p-Xylene	ug/L	ND	40	40	49.7	45.4	124	114	60-140	9	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	25.4	22.5	127	113	60-140	12	30	
Methylene Chloride	ug/L	ND	20	20	23.5	20.2	118	101	60-140	15	30	
n-Butylbenzene	ug/L	ND	20	20	24.9	23.1	125	115	60-140	8	30	
n-Propylbenzene	ug/L	ND	20	20	23.5	22.3	118	112	60-140	5	30	
Naphthalene	ug/L	ND	20	20	20.7	20.4	104	102	60-140	2	30	
o-Xylene	ug/L	ND	20	20	23.9	22.2	120	111	60-140	7	30	
sec-Butylbenzene	ug/L	ND	20	20	24.2	22.6	121	113	60-140	7	30	
Styrene	ug/L	ND	20	20	23.7	21.9	119	109	60-140	8	30	
tert-Amyl Alcohol	ug/L	ND	400	400	489	456	122	114	60-140	7	30	
tert-Amylmethyl ether	ug/L	ND	40	40	49.3	44.1	123	110	60-140	11	30	
tert-Butyl Alcohol	ug/L	ND	200	200	228	221	114	111	60-140	3	30	
tert-Butyl Formate	ug/L	ND	160	160	182	142	114	89	60-140	24	30	
tert-Butylbenzene	ug/L	ND	20	20	19.9	19.0	100	95	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	25.4	22.7	127	114	60-140	11	30	
Toluene	ug/L	ND	20	20	25.1	22.7	126	113	60-140	10	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	28.3	24.6	141	123	60-140	14	30	M1
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.3	21.0	116	105	60-140	10	30	
Trichloroethene	ug/L	ND	20	20	26.9	24.0	134	120	60-140	11	30	
Trichlorofluoromethane	ug/L	ND	20	20	27.4	24.3	137	122	60-140	12	30	
Vinyl chloride	ug/L	ND	20	20	27.3	23.8	137	119	60-140	14	30	
1,2-Dichloroethane-d4 (S)	%						105	99	70-130			
4-Bromofluorobenzene (S)	%						101	99	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

QC Batch: 637909

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553065011

METHOD BLANK: 3348837

Matrix: Water

Associated Lab Samples: 92553065011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 11:29	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 11:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 11:29	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 11:29	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 11:29	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 11:29	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 11:29	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 11:29	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 11:29	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 11:29	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 11:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 11:29	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 11:29	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 11:29	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 11:29	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 11:29	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 11:29	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 11:29	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 11:29	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 11:29	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 11:29	
Benzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 11:29	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 11:29	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 11:29	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 11:29	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 11:29	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 11:29	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 11:29	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 11:29	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 11:29	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 11:29	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 11:29	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 11:29	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 11:29	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 11:29	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 11:29	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 11:29	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

METHOD BLANK: 3348837

Matrix: Water

Associated Lab Samples: 92553065011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/04/21 11:29	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/04/21 11:29	
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 11:29	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 11:29	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 11:29	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 11:29	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 11:29	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 11:29	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 11:29	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 11:29	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 11:29	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 11:29	
Styrene	ug/L	ND	0.50	0.29	08/04/21 11:29	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/04/21 11:29	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/04/21 11:29	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/04/21 11:29	
tert-Butyl Formate	ug/L	ND	50.0	29.4	08/04/21 11:29	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 11:29	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 11:29	
Toluene	ug/L	ND	0.50	0.48	08/04/21 11:29	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 11:29	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 11:29	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 11:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 11:29	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 11:29	
1,2-Dichloroethane-d4 (S)	%	93	70-130		08/04/21 11:29	
4-Bromofluorobenzene (S)	%	97	70-130		08/04/21 11:29	
Toluene-d8 (S)	%	100	70-130		08/04/21 11:29	

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.5	95	60-140	
1,1,1-Trichloroethane	ug/L	50	44.3	89	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethene	ug/L	50	45.9	92	60-140	
1,1-Dichloropropene	ug/L	50	46.6	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.6	95	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	44.8	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.4	93	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	43.2	86	60-140	
1,2-Dichloropropane	ug/L	50	45.4	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	
1,3-Dichlorobenzene	ug/L	50	48.1	96	60-140	
1,3-Dichloropropane	ug/L	50	47.1	94	60-140	
1,4-Dichlorobenzene	ug/L	50	49.0	98	60-140	
2,2-Dichloropropane	ug/L	50	45.1	90	60-140	
2-Chlorotoluene	ug/L	50	47.3	95	60-140	
4-Chlorotoluene	ug/L	50	45.6	91	60-140	
Benzene	ug/L	50	46.0	92	60-140	
Bromobenzene	ug/L	50	48.9	98	60-140	
Bromochloromethane	ug/L	50	48.7	97	60-140	
Bromodichloromethane	ug/L	50	45.5	91	60-140	
Bromoform	ug/L	50	46.3	93	60-140	
Bromomethane	ug/L	50	46.1	92	60-140	
Carbon tetrachloride	ug/L	50	46.0	92	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	50.4	101	60-140	
Chloroform	ug/L	50	44.4	89	60-140	
Chloromethane	ug/L	50	46.9	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.4	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	47.6	95	60-140	
Dibromomethane	ug/L	50	47.4	95	60-140	
Dichlorodifluoromethane	ug/L	50	50.0	100	60-140	
Diisopropyl ether	ug/L	50	42.9	86	60-140	
Ethanol	ug/L	2000	1900	95	60-140	
Ethyl-tert-butyl ether	ug/L	100	90.7	91	60-140	
Ethylbenzene	ug/L	50	47.9	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.8	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	60-140	
m&p-Xylene	ug/L	100	94.8	95	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	43.9	88	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	47.6	95	60-140	
Naphthalene	ug/L	50	45.5	91	60-140	
o-Xylene	ug/L	50	48.0	96	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	48.1	96	60-140	
tert-Amyl Alcohol	ug/L	1000	881	88	60-140	
tert-Amylmethyl ether	ug/L	100	91.8	92	60-140	
tert-Butyl Alcohol	ug/L	500	453	91	60-140	
tert-Butyl Formate	ug/L	400	341	85	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	40.1	80	60-140	
Tetrachloroethene	ug/L	50	47.9	96	60-140	
Toluene	ug/L	50	45.6	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.2	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Trichloroethene	ug/L	50	47.4	95	60-140	
Trichlorofluoromethane	ug/L	50	45.2	90	60-140	
Vinyl chloride	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348839 3348840

Parameter	Units	92553189007		MS	MSD	MS		MSD	% Rec		Max	
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	800	801	825	100	103	60-140	3	30
1,1,1-Trichloroethane	ug/L	ND	800	800	800	777	815	97	102	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	800	754	761	94	95	60-140	1	30
1,1,2-Trichloroethane	ug/L	ND	800	800	800	753	773	94	97	60-140	3	30
1,1-Dichloroethane	ug/L	ND	800	800	800	808	834	101	104	60-140	3	30
1,1-Dichloroethene	ug/L	ND	800	800	800	823	833	103	104	60-140	1	30
1,1-Dichloropropene	ug/L	ND	800	800	800	803	820	100	103	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	800	800	800	731	766	91	96	60-140	5	30
1,2,3-Trichloropropane	ug/L	ND	800	800	800	735	713	92	89	60-140	3	30
1,2,4-Trichlorobenzene	ug/L	ND	800	800	800	733	783	92	98	60-140	7	30
1,2,4-Trimethylbenzene	ug/L	283	800	800	800	1060	1090	97	101	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	800	656	722	82	90	60-140	10	30
1,2-Dibromoethane (EDB)	ug/L	ND	800	800	800	761	751	95	94	60-140	1	30
1,2-Dichlorobenzene	ug/L	ND	800	800	800	746	794	93	99	60-140	6	30
1,2-Dichloroethane	ug/L	ND	800	800	800	744	753	93	94	60-140	1	30
1,2-Dichloropropane	ug/L	ND	800	800	800	797	800	100	100	60-140	0	30
1,3,5-Trimethylbenzene	ug/L	ND	800	800	800	859	883	107	110	60-140	3	30
1,3-Dichlorobenzene	ug/L	ND	800	800	800	756	781	94	98	60-140	3	30
1,3-Dichloropropane	ug/L	ND	800	800	800	792	802	99	100	60-140	1	30
1,4-Dichlorobenzene	ug/L	ND	800	800	800	756	794	94	99	60-140	5	30
2,2-Dichloropropane	ug/L	ND	800	800	800	711	712	89	89	60-140	0	30
2-Chlorotoluene	ug/L	ND	800	800	800	794	795	99	99	60-140	0	30
4-Chlorotoluene	ug/L	ND	800	800	800	710	761	89	95	60-140	7	30
Benzene	ug/L	4090	800	800	800	4840	4850	94	95	60-140	0	30
Bromobenzene	ug/L	ND	800	800	800	787	814	98	102	60-140	3	30
Bromochloromethane	ug/L	ND	800	800	800	833	852	104	106	60-140	2	30
Bromodichloromethane	ug/L	ND	800	800	800	753	771	94	96	60-140	2	30
Bromoform	ug/L	ND	800	800	800	708	725	89	91	60-140	2	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348839 3348840											
Parameter	Units	92553189007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Bromomethane	ug/L	ND	800	800	808	885	101	111	60-140	9	30
Carbon tetrachloride	ug/L	ND	800	800	799	828	100	104	60-140	4	30
Chlorobenzene	ug/L	ND	800	800	825	828	103	104	60-140	0	30
Chloroethane	ug/L	ND	800	800	1000	1000	125	126	60-140	0	30
Chloroform	ug/L	ND	800	800	778	803	97	100	60-140	3	30
Chloromethane	ug/L	ND	800	800	737	788	92	98	60-140	7	30
cis-1,2-Dichloroethene	ug/L	ND	800	800	793	813	99	102	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	800	800	733	760	92	95	60-140	4	30
Dibromochloromethane	ug/L	ND	800	800	774	770	97	96	60-140	0	30
Dibromomethane	ug/L	ND	800	800	777	800	97	100	60-140	3	30
Dichlorodifluoromethane	ug/L	ND	800	800	855	877	107	110	60-140	3	30
Diisopropyl ether	ug/L	306	800	800	1040	1070	91	95	60-140	3	30
Ethanol	ug/L	ND	32000	32000	29200	33600	91	105	60-140	14	30
Ethyl-tert-butyl ether	ug/L	ND	1600	1600	1530	1570	96	98	60-140	3	30
Ethylbenzene	ug/L	445	800	800	1260	1270	102	103	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	800	800	781	819	98	102	60-140	5	30
Isopropylbenzene (Cumene)	ug/L	ND	800	800	857	863	107	108	60-140	1	30
m&p-Xylene	ug/L	1980	1600	1600	3600	3570	101	99	60-140	1	30
Methyl-tert-butyl ether	ug/L	60.8	800	800	786	807	91	93	60-140	3	30
Methylene Chloride	ug/L	ND	800	800	778	793	97	99	60-140	2	30
n-Butylbenzene	ug/L	ND	800	800	789	827	99	103	60-140	5	30
n-Propylbenzene	ug/L	ND	800	800	802	827	100	103	60-140	3	30
Naphthalene	ug/L	63.6J	800	800	724	764	83	88	60-140	5	30
o-Xylene	ug/L	1060	800	800	1910	1860	106	100	60-140	3	30
sec-Butylbenzene	ug/L	ND	800	800	797	829	100	104	60-140	4	30
Styrene	ug/L	ND	800	800	771	787	96	98	60-140	2	30
tert-Amyl Alcohol	ug/L	ND	16000	16000	14200	14500	88	91	60-140	3	30
tert-Amylmethyl ether	ug/L	ND	1600	1600	1600	1630	100	102	60-140	2	30
tert-Butyl Alcohol	ug/L	ND	8000	8000	7430	7630	93	95	60-140	3	30
tert-Butyl Formate	ug/L	ND	6400	6400	4790	4840	75	76	60-140	1	30
tert-Butylbenzene	ug/L	ND	800	800	676	695	85	87	60-140	3	30
Tetrachloroethene	ug/L	ND	800	800	805	831	101	104	60-140	3	30
Toluene	ug/L	5710	800	800	6460	6410	94	88	60-140	1	30
trans-1,2-Dichloroethene	ug/L	ND	800	800	815	825	102	103	60-140	1	30
trans-1,3-Dichloropropene	ug/L	ND	800	800	719	740	90	93	60-140	3	30
Trichloroethene	ug/L	ND	800	800	823	853	103	107	60-140	4	30
Trichlorofluoromethane	ug/L	ND	800	800	815	844	102	106	60-140	3	30
Vinyl chloride	ug/L	ND	800	800	851	882	106	110	60-140	4	30
1,2-Dichloroethane-d4 (S)	%						96	92	70-130		
4-Bromofluorobenzene (S)	%						99	95	70-130		
Toluene-d8 (S)	%						98	100	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

QC Batch: 637982

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553065007

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553065007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 12:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 12:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 12:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 12:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 12:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 12:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 12:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 12:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 12:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 12:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 12:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 12:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 12:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Benzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 12:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 12:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 12:26	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 12:26	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 12:26	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 12:26	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 12:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 12:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 12:26	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 12:26	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553065007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/04/21 12:26	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/04/21 12:26	
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 12:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 12:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 12:26	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 12:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 12:26	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 12:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 12:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 12:26	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 12:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 12:26	
Styrene	ug/L	ND	0.50	0.29	08/04/21 12:26	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/04/21 12:26	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/04/21 12:26	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/04/21 12:26	
tert-Butyl Formate	ug/L	ND	50.0	29.4	08/04/21 12:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Toluene	ug/L	ND	0.50	0.48	08/04/21 12:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 12:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 12:26	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 12:26	
1,2-Dichloroethane-d4 (S)	%	102	70-130		08/04/21 12:26	
4-Bromofluorobenzene (S)	%	103	70-130		08/04/21 12:26	
Toluene-d8 (S)	%	102	70-130		08/04/21 12:26	

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	60-140	
1,1,1-Trichloroethane	ug/L	50	51.8	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	52.6	105	60-140	
1,1-Dichloropropene	ug/L	50	53.9	108	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.1	100	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	60-140	
1,2-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,2-Dichloroethane	ug/L	50	50.0	100	60-140	
1,2-Dichloropropane	ug/L	50	49.7	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	60-140	
1,3-Dichlorobenzene	ug/L	50	49.3	99	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	52.1	104	60-140	
2-Chlorotoluene	ug/L	50	50.7	101	60-140	
4-Chlorotoluene	ug/L	50	47.4	95	60-140	
Benzene	ug/L	50	51.2	102	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	48.9	98	60-140	
Bromodichloromethane	ug/L	50	48.8	98	60-140	
Bromoform	ug/L	50	46.2	92	60-140	
Bromomethane	ug/L	50	63.0	126	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	36.1	72	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	49.6	99	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	54.7	109	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethanol	ug/L	2000	2290	114	60-140	
Ethyl-tert-butyl ether	ug/L	100	105	105	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	51.9	104	60-140	
Methylene Chloride	ug/L	50	45.4	91	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	48.5	97	60-140	
sec-Butylbenzene	ug/L	50	50.0	100	60-140	
Styrene	ug/L	50	49.0	98	60-140	
tert-Amyl Alcohol	ug/L	1000	1120	112	60-140	
tert-Amylmethyl ether	ug/L	100	104	104	60-140	
tert-Butyl Alcohol	ug/L	500	501	100	60-140	
tert-Butyl Formate	ug/L	400	426	106	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	42.0	84	60-140	
Tetrachloroethene	ug/L	50	50.6	101	60-140	
Toluene	ug/L	50	49.8	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	48.8	98	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189

Parameter	Units	92552893009		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.								
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	400	500	515	125	129	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	400	400	400	567	598	142	150	60-140	5	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	400	462	491	115	123	60-140	6	30	
1,1,2-Trichloroethane	ug/L	ND	400	400	400	488	525	122	131	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	400	400	400	558	590	140	147	60-140	6	30	M1
1,1-Dichloroethene	ug/L	ND	400	400	400	593	606	148	152	60-140	2	30	M1
1,1-Dichloropropene	ug/L	ND	400	400	400	590	601	148	150	60-140	2	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	400	467	525	117	131	60-140	12	30	
1,2,3-Trichloropropane	ug/L	ND	400	400	400	454	491	114	123	60-140	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	400	400	400	466	528	116	132	60-140	12	30	
1,2,4-Trimethylbenzene	ug/L	88.0	400	400	400	589	614	125	131	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	400	450	499	113	125	60-140	10	30	
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	400	485	514	121	128	60-140	6	30	
1,2-Dichlorobenzene	ug/L	ND	400	400	400	476	495	119	124	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	400	400	400	517	541	129	135	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	400	400	400	514	554	129	139	60-140	7	30	
1,3,5-Trimethylbenzene	ug/L	ND	400	400	400	525	553	131	138	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	400	400	400	481	501	120	125	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	400	400	400	496	523	124	131	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	400	400	400	492	494	123	124	60-140	0	30	
2,2-Dichloropropane	ug/L	ND	400	400	400	526	543	131	136	60-140	3	30	
2-Chlorotoluene	ug/L	ND	400	400	400	498	518	125	129	60-140	4	30	
4-Chlorotoluene	ug/L	ND	400	400	400	466	490	116	122	60-140	5	30	
Benzene	ug/L	2340	400	400	400	2850	2960	128	154	60-140	4	30	M1
Bromobenzene	ug/L	ND	400	400	400	479	500	120	125	60-140	4	30	
Bromochloromethane	ug/L	ND	400	400	400	532	561	133	140	60-140	5	30	
Bromodichloromethane	ug/L	ND	400	400	400	496	530	124	133	60-140	7	30	
Bromoform	ug/L	ND	400	400	400	421	460	105	115	60-140	9	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188				3349189								
		92552893009	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits		Max RPD	
Parameter	Units	Result								RPD		Qual
Bromomethane	ug/L	ND	400	400	690	814	171	202	60-140	16	30	M1
Carbon tetrachloride	ug/L	ND	400	400	590	620	147	155	60-140	5	30	M1
Chlorobenzene	ug/L	ND	400	400	500	519	125	130	60-140	4	30	
Chloroethane	ug/L	ND	400	400	507	490	127	123	60-140	3	30	
Chloroform	ug/L	ND	400	400	509	533	126	132	60-140	5	30	
Chloromethane	ug/L	ND	400	400	504	524	126	131	60-140	4	30	
cis-1,2-Dichloroethene	ug/L	ND	400	400	541	567	135	142	60-140	5	30	M1
cis-1,3-Dichloropropene	ug/L	ND	400	400	494	528	124	132	60-140	7	30	
Dibromochloromethane	ug/L	ND	400	400	486	515	122	129	60-140	6	30	
Dibromomethane	ug/L	ND	400	400	495	531	124	133	60-140	7	30	
Dichlorodifluoromethane	ug/L	ND	400	400	585	603	146	151	60-140	3	30	M1
Diisopropyl ether	ug/L	ND	400	400	500	529	125	132	60-140	6	30	
Ethanol	ug/L	ND	16000	16000	21900	24300	137	152	60-140	11	30	M1
Ethyl-tert-butyl ether	ug/L	ND	800	800	1060	1110	133	138	60-140	4	30	
Ethylbenzene	ug/L	58.3	400	400	579	587	130	132	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	400	400	504	563	126	141	60-140	11	30	M1
Isopropylbenzene (Cumene)	ug/L	37.6	400	400	564	567	132	132	60-140	1	30	
m&p-Xylene	ug/L	284	800	800	1320	1330	130	131	60-140	1	30	
Methyl-tert-butyl ether	ug/L	111	400	400	647	674	134	141	60-140	4	30	M1
Methylene Chloride	ug/L	ND	400	400	500	515	125	129	60-140	3	30	
n-Butylbenzene	ug/L	ND	400	400	480	531	120	133	60-140	10	30	
n-Propylbenzene	ug/L	ND	400	400	528	555	132	139	60-140	5	30	
Naphthalene	ug/L	80.4	400	400	526	582	111	125	60-140	10	30	
o-Xylene	ug/L	957	400	400	1460	1470	127	127	60-140	0	30	
sec-Butylbenzene	ug/L	ND	400	400	492	537	123	134	60-140	9	30	
Styrene	ug/L	ND	400	400	505	509	126	127	60-140	1	30	
tert-Amyl Alcohol	ug/L	13400	8000	8000	25700	28500	154	189	60-140	10	30	M1
tert-Amylmethyl ether	ug/L	ND	800	800	1010	1090	127	137	60-140	7	30	
tert-Butyl Alcohol	ug/L	1310	4000	4000	6830	7680	138	159	60-140	12	30	M1
tert-Butyl Formate	ug/L	ND	3200	3200	3330	3500	104	109	60-140	5	30	
tert-Butylbenzene	ug/L	ND	400	400	414	446	103	111	60-140	7	30	
Tetrachloroethene	ug/L	ND	400	400	523	527	131	132	60-140	1	30	
Toluene	ug/L	513	400	400	1010	1060	125	138	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	400	400	570	591	142	148	60-140	4	30	M1
trans-1,3-Dichloropropene	ug/L	ND	400	400	467	491	117	123	60-140	5	30	
Trichloroethene	ug/L	ND	400	400	546	578	137	145	60-140	6	30	M1
Trichlorofluoromethane	ug/L	ND	400	400	564	572	141	143	60-140	1	30	M1
Vinyl chloride	ug/L	ND	400	400	556	578	139	144	60-140	4	30	M1
1,2-Dichloroethane-d4 (S)	%						100	100	70-130			
4-Bromofluorobenzene (S)	%						102	99	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553065

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553065001	MW-51	EPA 8015 Alcohol-Glycol	633924		
92553065002	DUP-2-20210802	EPA 8015 Alcohol-Glycol	633924		
92553065003	MW-62	EPA 8015 Alcohol-Glycol	633924		
92553065004	MW-73	EPA 8015 Alcohol-Glycol	633924		
92553065005	MW-45	EPA 8015 Alcohol-Glycol	633924		
92553065006	MW-14D	EPA 8015 Alcohol-Glycol	633924		
92553065007	EB-2-20210802	EPA 8015 Alcohol-Glycol	633924		
92553065008	MW-86	EPA 8015 Alcohol-Glycol	633924		
92553065009	MW-49	EPA 8015 Alcohol-Glycol	633924		
92553065010	FB-1-20210802	EPA 8015 Alcohol-Glycol	633924		
92553065001	MW-51	MADEP VPH	637808		
92553065002	DUP-2-20210802	MADEP VPH	637808		
92553065003	MW-62	MADEP VPH	637808		
92553065004	MW-73	MADEP VPH	637808		
92553065005	MW-45	MADEP VPH	637808		
92553065006	MW-14D	MADEP VPH	637808		
92553065007	EB-2-20210802	MADEP VPH	637808		
92553065008	MW-86	MADEP VPH	638056		
92553065009	MW-49	MADEP VPH	638056		
92553065010	FB-1-20210802	MADEP VPH	638056		
92553065001	MW-51	EPA 3010A	637849	EPA 6010D	637865
92553065002	DUP-2-20210802	EPA 3010A	637849	EPA 6010D	637865
92553065003	MW-62	EPA 3010A	637849	EPA 6010D	637865
92553065004	MW-73	EPA 3010A	637849	EPA 6010D	637865
92553065005	MW-45	EPA 3010A	637849	EPA 6010D	637865
92553065006	MW-14D	EPA 3010A	637849	EPA 6010D	637865
92553065007	EB-2-20210802	EPA 3010A	637849	EPA 6010D	637865
92553065008	MW-86	EPA 3010A	637849	EPA 6010D	637865
92553065009	MW-49	EPA 3010A	637849	EPA 6010D	637865
92553065001	MW-51	SM 6200B	637774		
92553065002	DUP-2-20210802	SM 6200B	637774		
92553065003	MW-62	SM 6200B	637774		
92553065004	MW-73	SM 6200B	637774		
92553065005	MW-45	SM 6200B	637774		
92553065006	MW-14D	SM 6200B	637774		
92553065007	EB-2-20210802	SM 6200B	637982		
92553065008	MW-86	SM 6200B	637774		
92553065009	MW-49	SM 6200B	637774		
92553065010	FB-1-20210802	SM 6200B	637774		
92553065011	TRIP BLANK	SM 6200B	637909		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

AECOM

Project #:

WO#: 92553065

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client

☐ Commercial ☒ Pace ☐ Other: _____



92553065

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials-Person-Examining-Contents: **8/3/21 TO**

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Thermometer:

☒ IR Gun ID: **92T064**

Type of Ice:

☒ Wet ☐ Blue ☐ None

Cooler Temp: **3.4** Correction Factor: **3.3** Add/Subtract (°C) **-0.1**

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): **3.3**

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

Comments/Discrepancy:

Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.		
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.		
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.		
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.		
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.		
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.		
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A			
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.		
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☒ N/A	8.		
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.		
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.		
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.		
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A			

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Received sample MW-49 not mentioned on COC. Collected on 8/2/21 at 13:40.

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

W0# : 92553065

PM: BV

Due Date: 08/09/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																7		3											
2																7		3											
3																7		3											
4																7		3											
5																7		3											
6																7		3											
7																7		3											
8																7		3											
9																7		3											
10																2													
11																7		3											
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Purple



Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.

CHAIN-OF-CUSTODY / Analytical Request Document

Section A

Required Client Information:

Company:	AECOM	Report To:	Andy Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Suite 200, Charlotte, NC 28210			Address:	
Email:	andrew.wreschnig@aecocom.com	Purchase Order #:		Pace Quote:	60639876
Phone:	(704) 716-0757	Project Name:	CPC Huntersville-60639876	Pace Project Manager:	bonnie.vgng@pacelabs.com
Requested Due Date:		Project #:		Pace Profile #:	8458

Section B

Required Project Information:

Page : 1 Of 1

Regulatory Agency

State / Location

NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / -)	MATRIX One Character per box. Sample IDs must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS	Preservatives								Analyses Test	Y/N	Requested Analysis Filtered (Y/N)								Residual Chlorine (Y/N)	
					START	END	DATE	TIME		Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other												
1	MW-51		WT	G	8/21	1010			11	3																			
2	DUP-2-20210802																												
3	MW-62																												
4	MW-73																												
5	MW-45																												
6	MW-14b																												
7	EB-2-20210802																												
8	MW-86																												
9	EB-1-20210802																												
10	Trip Blank																												
11																													
12																													

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: M. Le

SIGNATURE of SAMPLER:

DATE Signed:

TEMP in C	
Received on Ice (Y/N)	
Custody Sealed Cooler (Y/N)	
Samples Intact (Y/N)	

August 19, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92553185

Dear Andrew Wreschnig:

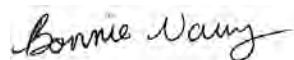
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Indianapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Pace Analytical Services Indianapolis

7726 Moller Road, Indianapolis, IN 46268
Illinois Accreditation #: 200074
Indiana Drinking Water Laboratory #: C-49-06
Kansas/TNI Certification #: E-10177
Kentucky UST Agency Interest #: 80226
Kentucky WW Laboratory ID #: 98019

Michigan Drinking Water Laboratory #9050
Ohio VAP Certified Laboratory #: CL0065
Oklahoma Laboratory #: 9204
Texas Certification #: T104704355
Wisconsin Laboratory #: 999788130
USDA Soil Permit #: P330-19-00257

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LA000356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Mold Certification #: LAB0152
Texas Certification #: T 104704245-17-14
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Pace Analytical Services Asheville

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553185001	EB-1-20210803	Water	08/03/21 14:00	08/03/21 16:50
92553185002	FB-1-20210803	Water	08/03/21 14:10	08/03/21 16:50
92553185003	MW-08	Water	08/03/21 09:30	08/03/21 16:50
92553185004	MW-14	Water	08/03/21 09:49	08/03/21 16:50
92553185005	MW-44	Water	08/03/21 10:50	08/03/21 16:50
92553185006	MW-13	Water	08/03/21 11:30	08/03/21 16:50
92553185007	MW-60	Water	08/03/21 12:20	08/03/21 16:50
92553185008	MW-76	Water	08/03/21 14:50	08/03/21 16:50
92553185009	DUP-2-20210803	Water	08/03/21 00:00	08/03/21 16:50
92553185010	MW-46	Water	08/03/21 15:15	08/03/21 16:50
92553185011	MW-50	Water	08/03/21 13:30	08/03/21 16:50
92553185012	MW-62D	Water	08/03/21 10:15	08/03/21 16:50
92553185013	TRIP BLANK	Water	08/03/21 00:00	08/03/21 16:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553185001	EB-1-20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	CL	68	PASI-C
92553185002	FB-1-20210803	MADEP VPH	MAD	6	PASI-C
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92553185003	MW-08	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92553185004	MW-14	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92553185005	MW-44	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92553185006	MW-13	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92553185007	MW-60	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92553185008	MW-76	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92553185009	DUP-2-20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92553185010	MW-46	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553185011	MW-50	SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
		EPA 8015 Alcohol-Glycol	CPH	1	PASI-I
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
92553185012	MW-62D	SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
92553185013	TRIP BLANK	SM 6200B	SAS	68	PASI-C
		SM 6200B	PM1	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-I = Pace Analytical Services - Indianapolis

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: EB-1-20210803 Lab ID: 92553185001 Collected: 08/03/21 14:00 Received: 08/03/21 16:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 17:56		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 17:56		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 17:56		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 17:56		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/04/21 17:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/04/21 17:56	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:19	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 20:58	08/14/21 20:58	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/14/21 20:58	08/14/21 20:58	2037-26-5	
4-Bromofluorobenzene (S)	96.1	%	77.0-126		1	08/14/21 20:58	08/14/21 20:58	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/14/21 20:58	08/14/21 20:58	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 00:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 00:23	994-05-8	
Benzene	0.69	ug/L	0.50	0.34	1		08/06/21 00:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 00:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 00:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 00:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 00:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 00:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 00:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 00:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 00:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 00:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 00:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 00:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 00:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 00:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 00:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 00:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 00:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 00:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 00:23	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: EB-1-20210803		Lab ID: 92553185001		Collected: 08/03/21 14:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 00:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 00:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 00:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 00:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 00:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 00:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 00:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 00:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 00:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 00:23	64-17-5	
Ethylbenzene	0.35J	ug/L	0.50	0.30	1		08/06/21 00:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 00:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 00:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 00:23	98-82-8	
Methylene Chloride	2.0	ug/L	2.0	2.0	1		08/06/21 00:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 00:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 00:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 00:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 00:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 00:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 00:23	127-18-4	
Toluene	2.6	ug/L	0.50	0.48	1		08/06/21 00:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 00:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 00:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 00:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 00:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 00:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 00:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 00:23	75-01-4	
m&p-Xylene	1.6	ug/L	1.0	0.71	1		08/06/21 00:23	179601-23-1	
o-Xylene	0.88	ug/L	0.50	0.34	1		08/06/21 00:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/06/21 00:23	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/06/21 00:23	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: EB-1-20210803		Lab ID: 92553185001		Collected: 08/03/21 14:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/06/21 00:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: FB-1-20210803 Lab ID: 92553185002 Collected: 08/03/21 14:10 Received: 08/03/21 16:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 18:24		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 18:24		N2
Aliphatic (C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 18:24		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 18:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/04/21 18:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 18:24	460-00-4	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 21:20	08/14/21 21:20	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/14/21 21:20	08/14/21 21:20	2037-26-5	
4-Bromofluorobenzene (S)	94.6	%	77.0-126		1	08/14/21 21:20	08/14/21 21:20	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/14/21 21:20	08/14/21 21:20	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 12:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 12:23	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 12:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 12:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 12:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 12:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 12:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 12:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 12:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 12:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 12:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 12:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 12:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 12:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 12:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 12:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 12:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 12:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 12:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 12:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 12:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 12:23	75-71-8	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: FB-1-20210803		Lab ID: 92553185002		Collected: 08/03/21 14:10		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 12:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 12:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 12:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 12:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 12:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 12:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 12:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 12:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 12:23	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 12:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 12:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 12:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 12:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 12:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 12:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 12:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 12:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 12:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 12:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 12:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 12:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 12:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 12:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 12:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 12:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 12:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 12:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 12:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 12:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 12:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	85	%	70-130		1		08/04/21 12:23	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/04/21 12:23	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/04/21 12:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-08		Lab ID: 92553185003		Collected: 08/03/21 09:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 16:46		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 16:46		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 16:46		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 16:46		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		08/05/21 16:46	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/05/21 16:46	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:32	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 22:03	08/14/21 22:03	71-36-3	
Surrogates									
Toluene-d8 (S)	103	%	80.0-120		1	08/14/21 22:03	08/14/21 22:03	2037-26-5	
4-Bromofluorobenzene (S)	93.6	%	77.0-126		1	08/14/21 22:03	08/14/21 22:03	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70.0-130		1	08/14/21 22:03	08/14/21 22:03	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 13:53	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 13:53	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 13:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 13:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 13:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 13:53	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 13:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 13:53	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 13:53	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 13:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 13:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 13:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 13:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 13:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 13:53	75-00-3	
Chloroform	0.41J	ug/L	0.50	0.35	1		08/04/21 13:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 13:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 13:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 13:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 13:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 13:53	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-08		Lab ID: 92553185003		Collected: 08/03/21 09:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 13:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 13:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 13:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 13:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 13:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 13:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 13:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 13:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 13:53	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 13:53	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 13:53	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 13:53	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 13:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 13:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 13:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 13:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 13:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:53	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 13:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 13:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 13:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 13:53	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 13:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 13:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 13:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 13:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 13:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 13:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 13:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 13:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 13:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 13:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 13:53	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/04/21 13:53	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-08		Lab ID: 92553185003		Collected: 08/03/21 09:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		08/04/21 13:53	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-14 Lab ID: 92553185004 Collected: 08/03/21 09:49 Received: 08/03/21 16:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 17:14		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 17:14		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 17:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 17:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/05/21 17:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 17:14	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:35	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 22:24	08/14/21 22:24	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/14/21 22:24	08/14/21 22:24	2037-26-5	
4-Bromofluorobenzene (S)	96.9	%	77.0-126		1	08/14/21 22:24	08/14/21 22:24	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70.0-130		1	08/14/21 22:24	08/14/21 22:24	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 14:11	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 14:11	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 14:11	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 14:11	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 14:11	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 14:11	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 14:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 14:11	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 14:11	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 14:11	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 14:11	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 14:11	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 14:11	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 14:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 14:11	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 14:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 14:11	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:11	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 14:11	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 14:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 14:11	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 14:11	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-14		Lab ID: 92553185004		Collected: 08/03/21 09:49		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 14:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 14:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 14:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 14:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 14:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 14:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 14:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 14:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:11	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 14:11	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 14:11	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 14:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 14:11	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 14:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 14:11	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 14:11	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 14:11	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 14:11	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:11	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 14:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 14:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 14:11	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 14:11	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 14:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 14:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 14:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 14:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:11	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 14:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 14:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 14:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:11	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 14:11	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 14:11	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 14:11	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		08/04/21 14:11	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/04/21 14:11	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-14		Lab ID: 92553185004		Collected: 08/03/21 09:49		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/04/21 14:11	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-44		Lab ID: 92553185005		Collected: 08/03/21 10:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	240	ug/L	50.0	50.0	1		08/04/21 19:49		N2
Aliphatic (C05-C08)	210	ug/L	50.0	50.0	1		08/04/21 19:49		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 19:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 19:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/04/21 19:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/04/21 19:49	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	8.6	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:38	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 22:46	08/14/21 22:46	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/14/21 22:46	08/14/21 22:46	2037-26-5	
4-Bromofluorobenzene (S)	94.3	%	77.0-126		1	08/14/21 22:46	08/14/21 22:46	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/14/21 22:46	08/14/21 22:46	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 14:29	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 14:29	994-05-8	
Benzene	3.8	ug/L	0.50	0.34	1		08/04/21 14:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 14:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 14:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 14:29	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 14:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 14:29	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 14:29	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 14:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 14:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 14:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 14:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 14:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 14:29	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 14:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 14:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 14:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 14:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 14:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 14:29	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-44		Lab ID: 92553185005		Collected: 08/03/21 10:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 14:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 14:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 14:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 14:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 14:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 14:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 14:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 14:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 14:29	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 14:29	64-17-5	
Ethylbenzene	0.81	ug/L	0.50	0.30	1		08/04/21 14:29	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 14:29	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 14:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 14:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 14:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 14:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 14:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:29	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 14:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 14:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 14:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 14:29	127-18-4	
Toluene	25.1	ug/L	0.50	0.48	1		08/04/21 14:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 14:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 14:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 14:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 14:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 14:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 14:29	95-63-6	
1,3,5-Trimethylbenzene	0.40J	ug/L	0.50	0.33	1		08/04/21 14:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 14:29	75-01-4	
m&p-Xylene	7.7	ug/L	1.0	0.71	1		08/04/21 14:29	179601-23-1	
o-Xylene	2.3	ug/L	0.50	0.34	1		08/04/21 14:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 14:29	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 14:29	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-44		Lab ID: 92553185005		Collected: 08/03/21 10:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/04/21 14:29	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-13		Lab ID: 92553185006		Collected: 08/03/21 11:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 20:17		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 20:17		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 20:17		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 20:17		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/04/21 20:17	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/04/21 20:17	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:41	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 23:08	08/14/21 23:08	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/14/21 23:08	08/14/21 23:08	2037-26-5	
4-Bromofluorobenzene (S)	92.8	%	77.0-126		1	08/14/21 23:08	08/14/21 23:08	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70.0-130		1	08/14/21 23:08	08/14/21 23:08	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 14:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 14:47	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 14:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 14:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 14:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 14:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 14:47	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 14:47	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 14:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 14:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 14:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 14:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 14:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 14:47	75-00-3	
Chloroform	1.8	ug/L	0.50	0.35	1		08/04/21 14:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 14:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 14:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 14:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 14:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 14:47	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-13		Lab ID: 92553185006		Collected: 08/03/21 11:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 14:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 14:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 14:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 14:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 14:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 14:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 14:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 14:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 14:47	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 14:47	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 14:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 14:47	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 14:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 14:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 14:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 14:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 14:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 14:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 14:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 14:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 14:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 14:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 14:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 14:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 14:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 14:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 14:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 14:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 14:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		08/04/21 14:47	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		08/04/21 14:47	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-13		Lab ID: 92553185006		Collected: 08/03/21 11:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/04/21 14:47	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-60		Lab ID: 92553185007		Collected: 08/03/21 12:20		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 20:46		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 20:46		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 20:46		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 20:46		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/04/21 20:46	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/04/21 20:46	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:45	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 23:29	08/14/21 23:29	71-36-3	
Surrogates									
Toluene-d8 (S)	103	%	80.0-120		1	08/14/21 23:29	08/14/21 23:29	2037-26-5	
4-Bromofluorobenzene (S)	92.9	%	77.0-126		1	08/14/21 23:29	08/14/21 23:29	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70.0-130		1	08/14/21 23:29	08/14/21 23:29	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 15:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 15:05	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:05	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 15:05	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:05	75-00-3	
Chloroform	0.58	ug/L	0.50	0.35	1		08/04/21 15:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:05	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-60		Lab ID: 92553185007		Collected: 08/03/21 12:20		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 15:05	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 15:05	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 15:05	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 15:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 15:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		08/04/21 15:05	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 15:05	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-60		Lab ID: 92553185007		Collected: 08/03/21 12:20		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	98	%	70-130		1		08/04/21 15:05	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-76		Lab ID: 92553185008		Collected: 08/03/21 14:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 21:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 21:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 21:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 21:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	88	%	70-130		1		08/04/21 21:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		08/04/21 21:16	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	16.3	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:48	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 23:51	08/14/21 23:51	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/14/21 23:51	08/14/21 23:51	2037-26-5	
4-Bromofluorobenzene (S)	96.0	%	77.0-126		1	08/14/21 23:51	08/14/21 23:51	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/14/21 23:51	08/14/21 23:51	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 12:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 12:41	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 12:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 12:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 12:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 12:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 12:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 12:41	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 12:41	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 12:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 12:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 12:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 12:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 12:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 12:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 12:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 12:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 12:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 12:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 12:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 12:41	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-76		Lab ID: 92553185008		Collected: 08/03/21 14:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 12:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 12:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 12:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 12:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 12:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 12:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 12:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 12:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 12:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 12:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 12:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 12:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 12:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 12:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 12:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 12:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 12:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 12:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 12:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 12:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 12:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 12:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 12:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 12:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 12:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 12:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 12:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 12:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 12:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 12:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 12:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		08/04/21 12:41	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 12:41	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-76		Lab ID: 92553185008		Collected: 08/03/21 14:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	99	%	70-130		1		08/04/21 12:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: DUP-2-20210803 Lab ID: 92553185009 Collected: 08/03/21 00:00 Received: 08/03/21 16:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 21:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 21:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 21:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 21:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/04/21 21:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/04/21 21:45	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	16.1	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:57	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 00:13	08/15/21 00:13	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/15/21 00:13	08/15/21 00:13	2037-26-5	
4-Bromofluorobenzene (S)	95.4	%	77.0-126		1	08/15/21 00:13	08/15/21 00:13	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70.0-130		1	08/15/21 00:13	08/15/21 00:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 17:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 17:47	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 17:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 17:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 17:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 17:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 17:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 17:47	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 17:47	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 17:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 17:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 17:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 17:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 17:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 17:47	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 17:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 17:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 17:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 17:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 17:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 17:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 17:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 17:47	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: DUP-2-20210803		Lab ID: 92553185009		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 17:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 17:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 17:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 17:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 17:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 17:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 17:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 17:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 17:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 17:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 17:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 17:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 17:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 17:47	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 17:47	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 17:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 17:47	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 17:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 17:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 17:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 17:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 17:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 17:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 17:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 17:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 17:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 17:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 17:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 17:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 17:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 17:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 17:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 17:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 17:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 17:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 17:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 17:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 17:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 17:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 17:47	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/04/21 17:47	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: DUP-2-20210803		Lab ID: 92553185009		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	98	%	70-130		1		08/04/21 17:47	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-46		Lab ID: 92553185010		Collected: 08/03/21 15:15		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 22:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 22:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 22:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 22:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/04/21 22:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/04/21 22:13	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:01	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 00:34	08/15/21 00:34	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 00:34	08/15/21 00:34	2037-26-5	
4-Bromofluorobenzene (S)	93.2	%	77.0-126		1	08/15/21 00:34	08/15/21 00:34	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70.0-130		1	08/15/21 00:34	08/15/21 00:34	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 15:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 15:23	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 15:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:23	75-00-3	
Chloroform	0.64	ug/L	0.50	0.35	1		08/04/21 15:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:23	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-46		Lab ID: 92553185010		Collected: 08/03/21 15:15		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 15:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 15:23	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 15:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 15:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 15:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 15:23	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/04/21 15:23	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-46		Lab ID: 92553185010		Collected: 08/03/21 15:15		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/04/21 15:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-50		Lab ID: 92553185011		Collected: 08/03/21 13:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015M Alcohols in water									
Analytical Method: EPA 8015 Alcohol-Glycol Pace Analytical Services - Indianapolis									
n-Butanol	ND	mg/L	5.0	0.13	1		08/05/21 17:52	71-36-3	
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	5550	ug/L	50.0	50.0	1		08/04/21 22:42		N2
Aliphatic (C05-C08)	4260	ug/L	50.0	50.0	1		08/04/21 22:42		N2
Aliphatic(C09-C12) Adjusted	1120	ug/L	50.0	50.0	1		08/04/21 22:42		N2
Aromatic (C09-C10)	178	ug/L	50.0	50.0	1		08/04/21 22:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/04/21 22:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/04/21 22:42	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:04	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 07:25	08/15/21 07:25	71-36-3	
Surrogates									
Toluene-d8 (S)	103	%	80.0-120		1	08/15/21 07:25	08/15/21 07:25	2037-26-5	
4-Bromofluorobenzene (S)	98.4	%	77.0-126		1	08/15/21 07:25	08/15/21 07:25	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70.0-130		1	08/15/21 07:25	08/15/21 07:25	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	114J	ug/L	200	72.8	2		08/06/21 14:52	75-85-4	
tert-Amylmethyl ether	ND	ug/L	20.0	5.3	2		08/06/21 14:52	994-05-8	
Benzene	193	ug/L	1.0	0.69	2		08/06/21 14:52	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.58	2		08/06/21 14:52	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.94	2		08/06/21 14:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.61	2		08/06/21 14:52	75-27-4	
Bromoform	ND	ug/L	1.0	0.68	2		08/06/21 14:52	75-25-2	
Bromomethane	ND	ug/L	10.0	3.3	2		08/06/21 14:52	74-83-9	
tert-Butyl Alcohol	ND	ug/L	100	53.6	2		08/06/21 14:52	75-65-0	
n-Butylbenzene	ND	ug/L	1.0	0.98	2		08/06/21 14:52	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.80	2		08/06/21 14:52	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.65	2		08/06/21 14:52	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.67	2		08/06/21 14:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.57	2		08/06/21 14:52	108-90-7	
Chloroethane	ND	ug/L	2.0	1.3	2		08/06/21 14:52	75-00-3	
Chloroform	ND	ug/L	1.0	0.71	2		08/06/21 14:52	67-66-3	
Chloromethane	ND	ug/L	2.0	1.1	2		08/06/21 14:52	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.64	2		08/06/21 14:52	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.65	2		08/06/21 14:52	106-43-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-50		Lab ID: 92553185011		Collected: 08/03/21 13:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	0.68	2		08/06/21 14:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.72	2		08/06/21 14:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.54	2		08/06/21 14:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.79	2		08/06/21 14:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.68	2		08/06/21 14:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.68	2		08/06/21 14:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.67	2		08/06/21 14:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.69	2		08/06/21 14:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.73	2		08/06/21 14:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.64	2		08/06/21 14:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.70	2		08/06/21 14:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.77	2		08/06/21 14:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.79	2		08/06/21 14:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.71	2		08/06/21 14:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.57	2		08/06/21 14:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.78	2		08/06/21 14:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.85	2		08/06/21 14:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.73	2		08/06/21 14:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.73	2		08/06/21 14:52	10061-02-6	
Diisopropyl ether	11.2	ug/L	1.0	0.62	2		08/06/21 14:52	108-20-3	
Ethanol	ND	ug/L	400	144	2		08/06/21 14:52	64-17-5	
Ethylbenzene	18.3	ug/L	1.0	0.61	2		08/06/21 14:52	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	20.0	6.5	2		08/06/21 14:52	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	4.0	3.1	2		08/06/21 14:52	87-68-3	
Isopropylbenzene (Cumene)	2.0	ug/L	1.0	0.67	2		08/06/21 14:52	98-82-8	
Methylene Chloride	ND	ug/L	4.0	3.9	2		08/06/21 14:52	75-09-2	
Methyl-tert-butyl ether	2.6	ug/L	1.0	0.84	2		08/06/21 14:52	1634-04-4	
Naphthalene	9.1	ug/L	4.0	1.3	2		08/06/21 14:52	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.68	2		08/06/21 14:52	103-65-1	
Styrene	ND	ug/L	1.0	0.58	2		08/06/21 14:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.62	2		08/06/21 14:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.45	2		08/06/21 14:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.58	2		08/06/21 14:52	127-18-4	
Toluene	218	ug/L	1.0	0.97	2		08/06/21 14:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	4.0	1.6	2		08/06/21 14:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	4.0	1.3	2		08/06/21 14:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.66	2		08/06/21 14:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.65	2		08/06/21 14:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.77	2		08/06/21 14:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	2.0	0.60	2		08/06/21 14:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.52	2		08/06/21 14:52	96-18-4	
1,2,4-Trimethylbenzene	43.6	ug/L	1.0	0.99	2		08/06/21 14:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.66	2		08/06/21 14:52	108-67-8	
Vinyl chloride	ND	ug/L	2.0	0.77	2		08/06/21 14:52	75-01-4	
m&p-Xylene	273	ug/L	2.0	1.4	2		08/06/21 14:52	179601-23-1	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-50		Lab ID: 92553185011		Collected: 08/03/21 13:30		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
o-Xylene	165	ug/L	1.0	0.68	2		08/06/21 14:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		2		08/06/21 14:52	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		2		08/06/21 14:52	460-00-4	
Toluene-d8 (S)	100	%	70-130		2		08/06/21 14:52	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-62D		Lab ID: 92553185012		Collected: 08/03/21 10:15		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/04/21 23:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/04/21 23:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 23:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 23:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/04/21 23:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/04/21 23:10	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:07	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 07:47	08/15/21 07:47	71-36-3	
Surrogates									
Toluene-d8 (S)	103	%	80.0-120		1	08/15/21 07:47	08/15/21 07:47	2037-26-5	
4-Bromofluorobenzene (S)	95.1	%	77.0-126		1	08/15/21 07:47	08/15/21 07:47	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70.0-130		1	08/15/21 07:47	08/15/21 07:47	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 15:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 15:41	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:41	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 15:41	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 15:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:41	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-62D		Lab ID: 92553185012		Collected: 08/03/21 10:15		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 15:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 15:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 15:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:41	127-18-4	
Toluene	0.93	ug/L	0.50	0.48	1		08/04/21 15:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:41	75-01-4	
m&p-Xylene	0.88J	ug/L	1.0	0.71	1		08/04/21 15:41	179601-23-1	
o-Xylene	0.53	ug/L	0.50	0.34	1		08/04/21 15:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		08/04/21 15:41	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/04/21 15:41	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: MW-62D		Lab ID: 92553185012		Collected: 08/03/21 10:15		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	99	%	70-130		1		08/04/21 15:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: TRIP BLANK		Lab ID: 92553185013		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 12:43	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 12:43	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 12:43	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 12:43	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 12:43	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 12:43	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 12:43	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 12:43	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 12:43	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 12:43	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 12:43	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 12:43	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 12:43	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 12:43	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 12:43	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 12:43	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 12:43	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:43	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 12:43	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 12:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 12:43	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 12:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:43	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 12:43	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 12:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 12:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 12:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 12:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 12:43	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 12:43	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 12:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:43	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 12:43	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 12:43	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 12:43	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 12:43	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 12:43	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 12:43	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 12:43	75-09-2	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Sample: TRIP BLANK		Lab ID: 92553185013		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 12:43	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 12:43	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:43	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 12:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 12:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 12:43	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 12:43	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 12:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 12:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 12:43	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 12:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:43	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 12:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 12:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 12:43	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:43	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 12:43	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 12:43	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 12:43	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 12:43	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 12:43	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		08/04/21 12:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch: 634126

Analysis Method: EPA 8015 Alcohol-Glycol

QC Batch Method: EPA 8015 Alcohol-Glycol

Analysis Description: EPA 8015 Modified

Laboratory: Pace Analytical Services - Indianapolis

Associated Lab Samples: 92553185011

METHOD BLANK: 2920220

Matrix: Water

Associated Lab Samples: 92553185011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	5.0	0.13	08/05/21 18:29	

LABORATORY CONTROL SAMPLE: 2920221

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	50	45.2	90	73-117	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2920222 2920223

Parameter	Units	92553185011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
n-Butanol	mg/L	ND	50	50	42.9	44.8	86	90	68-119	4	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch:	638056	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553185001, 92553185002, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010, 92553185011, 92553185012		

METHOD BLANK:	3349728	Matrix:	Water
Associated Lab Samples:	92553185001, 92553185002, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010, 92553185011, 92553185012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 15:33	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 15:33	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/04/21 15:33	
4-Bromofluorobenzene (PID) (S)	%	108	70-130		08/04/21 15:33	

LABORATORY CONTROL SAMPLE & LCSD:		3349729	3349730							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	363	358	121	119	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	108	108	108	108	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	98	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch: 638369

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553185003, 92553185004

METHOD BLANK: 3351429

Matrix: Water

Associated Lab Samples: 92553185003, 92553185004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/05/21 15:49	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/05/21 15:49	

LABORATORY CONTROL SAMPLE & LCSD: 3351430

3351431

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	373	358	124	119	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	117	106	117	106	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	104	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch:	638299	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92553185001, 92553185003, 92553185004, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010, 92553185011, 92553185012		

METHOD BLANK:	3350934	Matrix:	Water
Associated Lab Samples:	92553185001, 92553185003, 92553185004, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010, 92553185011, 92553185012		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 03:06	

LABORATORY CONTROL SAMPLE: 3350935						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	524	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					3350936	3350937							
Parameter	Units	92553185001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Lead	ug/L	ND	500	500	490	488	98	98	75-125	1	20		

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch:	1723350	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	92553185001, 92553185002, 92553185003, 92553185004, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010		

METHOD BLANK:	R3692139-3	Matrix:	Water
Associated Lab Samples:	92553185001, 92553185002, 92553185003, 92553185004, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/14/21 18:44	
Toluene-d8 (S)	%	106	80.0-120		08/14/21 18:44	
4-Bromofluorobenzene (S)	%	94.3	77.0-126		08/14/21 18:44	
1,2-Dichloroethane-d4 (S)	%	111	70.0-130		08/14/21 18:44	

LABORATORY CONTROL SAMPLE:	R3692139-2					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.82	91.0	70.0-130	
Toluene-d8 (S)	%			105	80.0-120	
4-Bromofluorobenzene (S)	%			95.8	77.0-126	
1,2-Dichloroethane-d4 (S)	%			110	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch: 1723363

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92553185011, 92553185012

METHOD BLANK: R3692722-4

Matrix: Water

Associated Lab Samples: 92553185011, 92553185012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/15/21 05:37	
Toluene-d8 (S)	%	104	80.0-120		08/15/21 05:37	
4-Bromofluorobenzene (S)	%	92.3	77.0-126		08/15/21 05:37	
1,2-Dichloroethane-d4 (S)	%	112	70.0-130		08/15/21 05:37	

LABORATORY CONTROL SAMPLE: R3692722-3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.99	99.5	70.0-130	
Toluene-d8 (S)	%			104	80.0-120	
4-Bromofluorobenzene (S)	%			93.1	77.0-126	
1,2-Dichloroethane-d4 (S)	%			111	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch:	637909	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553185002, 92553185003, 92553185004, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010, 92553185012		

METHOD BLANK: 3348837

Matrix: Water

Associated Lab Samples: 92553185002, 92553185003, 92553185004, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010, 92553185012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 11:29	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 11:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 11:29	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 11:29	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 11:29	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 11:29	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 11:29	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 11:29	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 11:29	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 11:29	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 11:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 11:29	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 11:29	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 11:29	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 11:29	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 11:29	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 11:29	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 11:29	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 11:29	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 11:29	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 11:29	
Benzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 11:29	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 11:29	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 11:29	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 11:29	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 11:29	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 11:29	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 11:29	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 11:29	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 11:29	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 11:29	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 11:29	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 11:29	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 11:29	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 11:29	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 11:29	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

METHOD BLANK: 3348837

Matrix: Water

Associated Lab Samples: 92553185002, 92553185003, 92553185004, 92553185005, 92553185006, 92553185007, 92553185008, 92553185009, 92553185010, 92553185012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 11:29	
Ethanol	ug/L	ND	200	72.2	08/04/21 11:29	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/04/21 11:29	
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 11:29	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 11:29	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 11:29	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 11:29	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 11:29	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 11:29	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 11:29	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 11:29	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 11:29	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 11:29	
Styrene	ug/L	ND	0.50	0.29	08/04/21 11:29	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/04/21 11:29	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/04/21 11:29	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/04/21 11:29	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 11:29	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 11:29	
Toluene	ug/L	ND	0.50	0.48	08/04/21 11:29	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 11:29	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 11:29	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 11:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 11:29	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 11:29	
1,2-Dichloroethane-d4 (S)	%	93	70-130		08/04/21 11:29	
4-Bromofluorobenzene (S)	%	97	70-130		08/04/21 11:29	
Toluene-d8 (S)	%	100	70-130		08/04/21 11:29	

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.5	95	60-140	
1,1,1-Trichloroethane	ug/L	50	44.3	89	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethene	ug/L	50	45.9	92	60-140	
1,1-Dichloropropene	ug/L	50	46.6	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.6	95	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	47.6	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.8	90	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.4	93	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	43.2	86	60-140	
1,2-Dichloropropane	ug/L	50	45.4	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	
1,3-Dichlorobenzene	ug/L	50	48.1	96	60-140	
1,3-Dichloropropane	ug/L	50	47.1	94	60-140	
1,4-Dichlorobenzene	ug/L	50	49.0	98	60-140	
2,2-Dichloropropane	ug/L	50	45.1	90	60-140	
2-Chlorotoluene	ug/L	50	47.3	95	60-140	
4-Chlorotoluene	ug/L	50	45.6	91	60-140	
Benzene	ug/L	50	46.0	92	60-140	
Bromobenzene	ug/L	50	48.9	98	60-140	
Bromochloromethane	ug/L	50	48.7	97	60-140	
Bromodichloromethane	ug/L	50	45.5	91	60-140	
Bromoform	ug/L	50	46.3	93	60-140	
Bromomethane	ug/L	50	46.1	92	60-140	
Carbon tetrachloride	ug/L	50	46.0	92	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	50.4	101	60-140	
Chloroform	ug/L	50	44.4	89	60-140	
Chloromethane	ug/L	50	46.9	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.4	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	47.6	95	60-140	
Dibromomethane	ug/L	50	47.4	95	60-140	
Dichlorodifluoromethane	ug/L	50	50.0	100	60-140	
Diisopropyl ether	ug/L	50	42.9	86	60-140	
Ethanol	ug/L	2000	1900	95	60-140	
Ethyl-tert-butyl ether	ug/L	100	90.7	91	60-140	
Ethylbenzene	ug/L	50	47.9	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.8	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	60-140	
m&p-Xylene	ug/L	100	94.8	95	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	43.9	88	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	47.6	95	60-140	
Naphthalene	ug/L	50	45.5	91	60-140	
o-Xylene	ug/L	50	48.0	96	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	48.1	96	60-140	
tert-Amyl Alcohol	ug/L	1000	881	88	60-140	
tert-Amylmethyl ether	ug/L	100	91.8	92	60-140	
tert-Butyl Alcohol	ug/L	500	453	91	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	40.1	80	60-140	
Tetrachloroethene	ug/L	50	47.9	96	60-140	
Toluene	ug/L	50	45.6	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.2	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Trichloroethene	ug/L	50	47.4	95	60-140	
Trichlorofluoromethane	ug/L	50	45.2	90	60-140	
Vinyl chloride	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348839 3348840

Parameter	Units	92553189007	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits		
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	801	825	100	103	60-140	3	30
1,1,1-Trichloroethane	ug/L	ND	800	800	777	815	97	102	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	754	761	94	95	60-140	1	30
1,1,2-Trichloroethane	ug/L	ND	800	800	753	773	94	97	60-140	3	30
1,1-Dichloroethane	ug/L	ND	800	800	808	834	101	104	60-140	3	30
1,1-Dichloroethene	ug/L	ND	800	800	823	833	103	104	60-140	1	30
1,1-Dichloropropene	ug/L	ND	800	800	803	820	100	103	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	800	800	731	766	91	96	60-140	5	30
1,2,3-Trichloropropane	ug/L	ND	800	800	735	713	92	89	60-140	3	30
1,2,4-Trichlorobenzene	ug/L	ND	800	800	733	783	92	98	60-140	7	30
1,2,4-Trimethylbenzene	ug/L	283	800	800	1060	1090	97	101	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	656	722	82	90	60-140	10	30
1,2-Dibromoethane (EDB)	ug/L	ND	800	800	761	751	95	94	60-140	1	30
1,2-Dichlorobenzene	ug/L	ND	800	800	746	794	93	99	60-140	6	30
1,2-Dichloroethane	ug/L	ND	800	800	744	753	93	94	60-140	1	30
1,2-Dichloropropane	ug/L	ND	800	800	797	800	100	100	60-140	0	30
1,3,5-Trimethylbenzene	ug/L	ND	800	800	859	883	107	110	60-140	3	30
1,3-Dichlorobenzene	ug/L	ND	800	800	756	781	94	98	60-140	3	30
1,3-Dichloropropane	ug/L	ND	800	800	792	802	99	100	60-140	1	30
1,4-Dichlorobenzene	ug/L	ND	800	800	756	794	94	99	60-140	5	30
2,2-Dichloropropane	ug/L	ND	800	800	711	712	89	89	60-140	0	30
2-Chlorotoluene	ug/L	ND	800	800	794	795	99	99	60-140	0	30
4-Chlorotoluene	ug/L	ND	800	800	710	761	89	95	60-140	7	30
Benzene	ug/L	4090	800	800	4840	4850	94	95	60-140	0	30
Bromobenzene	ug/L	ND	800	800	787	814	98	102	60-140	3	30
Bromochloromethane	ug/L	ND	800	800	833	852	104	106	60-140	2	30
Bromodichloromethane	ug/L	ND	800	800	753	771	94	96	60-140	2	30
Bromoform	ug/L	ND	800	800	708	725	89	91	60-140	2	30

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3348839	3348840								
		92553189007	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromomethane	ug/L	ND	800	800	808	885	101	111	60-140	9	30	
Carbon tetrachloride	ug/L	ND	800	800	799	828	100	104	60-140	4	30	
Chlorobenzene	ug/L	ND	800	800	825	828	103	104	60-140	0	30	
Chloroethane	ug/L	ND	800	800	1000	1000	125	126	60-140	0	30	
Chloroform	ug/L	ND	800	800	778	803	97	100	60-140	3	30	
Chloromethane	ug/L	ND	800	800	737	788	92	98	60-140	7	30	
cis-1,2-Dichloroethene	ug/L	ND	800	800	793	813	99	102	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	800	800	733	760	92	95	60-140	4	30	
Dibromochloromethane	ug/L	ND	800	800	774	770	97	96	60-140	0	30	
Dibromomethane	ug/L	ND	800	800	777	800	97	100	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	800	800	855	877	107	110	60-140	3	30	
Diisopropyl ether	ug/L	306	800	800	1040	1070	91	95	60-140	3	30	
Ethanol	ug/L	ND	32000	32000	29200	33600	91	105	60-140	14	30	
Ethyl-tert-butyl ether	ug/L	ND	1600	1600	1530	1570	96	98	60-140	3	30	
Ethylbenzene	ug/L	445	800	800	1260	1270	102	103	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	800	800	781	819	98	102	60-140	5	30	
Isopropylbenzene (Cumene)	ug/L	ND	800	800	857	863	107	108	60-140	1	30	
m&p-Xylene	ug/L	1980	1600	1600	3600	3570	101	99	60-140	1	30	
Methyl-tert-butyl ether	ug/L	60.8	800	800	786	807	91	93	60-140	3	30	
Methylene Chloride	ug/L	ND	800	800	778	793	97	99	60-140	2	30	
n-Butylbenzene	ug/L	ND	800	800	789	827	99	103	60-140	5	30	
n-Propylbenzene	ug/L	ND	800	800	802	827	100	103	60-140	3	30	
Naphthalene	ug/L	63.6J	800	800	724	764	83	88	60-140	5	30	
o-Xylene	ug/L	1060	800	800	1910	1860	106	100	60-140	3	30	
sec-Butylbenzene	ug/L	ND	800	800	797	829	100	104	60-140	4	30	
Styrene	ug/L	ND	800	800	771	787	96	98	60-140	2	30	
tert-Amyl Alcohol	ug/L	ND	16000	16000	14200	14500	88	91	60-140	3	30	
tert-Amylmethyl ether	ug/L	ND	1600	1600	1600	1630	100	102	60-140	2	30	
tert-Butyl Alcohol	ug/L	ND	8000	8000	7430	7630	93	95	60-140	3	30	
tert-Butylbenzene	ug/L	ND	800	800	676	695	85	87	60-140	3	30	
Tetrachloroethene	ug/L	ND	800	800	805	831	101	104	60-140	3	30	
Toluene	ug/L	5710	800	800	6460	6410	94	88	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	800	800	815	825	102	103	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	800	800	719	740	90	93	60-140	3	30	
Trichloroethene	ug/L	ND	800	800	823	853	103	107	60-140	4	30	
Trichlorofluoromethane	ug/L	ND	800	800	815	844	102	106	60-140	3	30	
Vinyl chloride	ug/L	ND	800	800	851	882	106	110	60-140	4	30	
1,2-Dichloroethane-d4 (S)	%						96	92	70-130			
4-Bromofluorobenzene (S)	%						99	95	70-130			
Toluene-d8 (S)	%						98	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch: 637982

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553185013

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553185013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 12:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 12:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 12:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 12:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 12:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 12:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 12:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 12:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 12:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 12:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 12:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 12:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 12:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Benzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 12:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 12:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 12:26	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 12:26	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 12:26	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 12:26	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 12:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 12:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 12:26	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 12:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553185013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/04/21 12:26	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/04/21 12:26	
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 12:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 12:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 12:26	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 12:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 12:26	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 12:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 12:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 12:26	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 12:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 12:26	
Styrene	ug/L	ND	0.50	0.29	08/04/21 12:26	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/04/21 12:26	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/04/21 12:26	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/04/21 12:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Toluene	ug/L	ND	0.50	0.48	08/04/21 12:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 12:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 12:26	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 12:26	
1,2-Dichloroethane-d4 (S)	%	102	70-130		08/04/21 12:26	
4-Bromofluorobenzene (S)	%	103	70-130		08/04/21 12:26	
Toluene-d8 (S)	%	102	70-130		08/04/21 12:26	

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	60-140	
1,1,1-Trichloroethane	ug/L	50	51.8	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	52.6	105	60-140	
1,1-Dichloropropene	ug/L	50	53.9	108	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.1	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	60-140	
1,2-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,2-Dichloroethane	ug/L	50	50.0	100	60-140	
1,2-Dichloropropane	ug/L	50	49.7	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	60-140	
1,3-Dichlorobenzene	ug/L	50	49.3	99	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	52.1	104	60-140	
2-Chlorotoluene	ug/L	50	50.7	101	60-140	
4-Chlorotoluene	ug/L	50	47.4	95	60-140	
Benzene	ug/L	50	51.2	102	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	48.9	98	60-140	
Bromodichloromethane	ug/L	50	48.8	98	60-140	
Bromoform	ug/L	50	46.2	92	60-140	
Bromomethane	ug/L	50	63.0	126	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	36.1	72	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	49.6	99	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	54.7	109	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethanol	ug/L	2000	2290	114	60-140	
Ethyl-tert-butyl ether	ug/L	100	105	105	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	51.9	104	60-140	
Methylene Chloride	ug/L	50	45.4	91	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	48.5	97	60-140	
sec-Butylbenzene	ug/L	50	50.0	100	60-140	
Styrene	ug/L	50	49.0	98	60-140	
tert-Amyl Alcohol	ug/L	1000	1120	112	60-140	
tert-Amylmethyl ether	ug/L	100	104	104	60-140	
tert-Butyl Alcohol	ug/L	500	501	100	60-140	
tert-Butylbenzene	ug/L	50	42.0	84	60-140	
Tetrachloroethene	ug/L	50	50.6	101	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	49.8	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	48.8	98	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189

Parameter	Units	92552893009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	500	515	125	129	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	400	400	567	598	142	150	60-140	5	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	462	491	115	123	60-140	6	30	
1,1,2-Trichloroethane	ug/L	ND	400	400	488	525	122	131	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	400	400	558	590	140	147	60-140	6	30	M1
1,1-Dichloroethene	ug/L	ND	400	400	593	606	148	152	60-140	2	30	M1
1,1-Dichloropropene	ug/L	ND	400	400	590	601	148	150	60-140	2	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	467	525	117	131	60-140	12	30	
1,2,3-Trichloropropane	ug/L	ND	400	400	454	491	114	123	60-140	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	400	400	466	528	116	132	60-140	12	30	
1,2,4-Trimethylbenzene	ug/L	88.0	400	400	589	614	125	131	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	450	499	113	125	60-140	10	30	
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	485	514	121	128	60-140	6	30	
1,2-Dichlorobenzene	ug/L	ND	400	400	476	495	119	124	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	400	400	517	541	129	135	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	400	400	514	554	129	139	60-140	7	30	
1,3,5-Trimethylbenzene	ug/L	ND	400	400	525	553	131	138	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	400	400	481	501	120	125	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	400	400	496	523	124	131	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	400	400	492	494	123	124	60-140	0	30	
2,2-Dichloropropane	ug/L	ND	400	400	526	543	131	136	60-140	3	30	
2-Chlorotoluene	ug/L	ND	400	400	498	518	125	129	60-140	4	30	
4-Chlorotoluene	ug/L	ND	400	400	466	490	116	122	60-140	5	30	
Benzene	ug/L	2340	400	400	2850	2960	128	154	60-140	4	30	M1
Bromobenzene	ug/L	ND	400	400	479	500	120	125	60-140	4	30	
Bromochloromethane	ug/L	ND	400	400	532	561	133	140	60-140	5	30	
Bromodichloromethane	ug/L	ND	400	400	496	530	124	133	60-140	7	30	
Bromoform	ug/L	ND	400	400	421	460	105	115	60-140	9	30	
Bromomethane	ug/L	ND	400	400	690	814	171	202	60-140	16	30	M1
Carbon tetrachloride	ug/L	ND	400	400	590	620	147	155	60-140	5	30	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3349188	3349189									
Parameter	Units	92552893009	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Chlorobenzene	ug/L	ND	400	400	500	519	125	130	60-140	4	30		
Chloroethane	ug/L	ND	400	400	507	490	127	123	60-140	3	30		
Chloroform	ug/L	ND	400	400	509	533	126	132	60-140	5	30		
Chloromethane	ug/L	ND	400	400	504	524	126	131	60-140	4	30		
cis-1,2-Dichloroethene	ug/L	ND	400	400	541	567	135	142	60-140	5	30	M1	
cis-1,3-Dichloropropene	ug/L	ND	400	400	494	528	124	132	60-140	7	30		
Dibromochloromethane	ug/L	ND	400	400	486	515	122	129	60-140	6	30		
Dibromomethane	ug/L	ND	400	400	495	531	124	133	60-140	7	30		
Dichlorodifluoromethane	ug/L	ND	400	400	585	603	146	151	60-140	3	30	M1	
Diisopropyl ether	ug/L	ND	400	400	500	529	125	132	60-140	6	30		
Ethanol	ug/L	ND	16000	16000	21900	24300	137	152	60-140	11	30	M1	
Ethyl-tert-butyl ether	ug/L	ND	800	800	1060	1110	133	138	60-140	4	30		
Ethylbenzene	ug/L	58.3	400	400	579	587	130	132	60-140	1	30		
Hexachloro-1,3-butadiene	ug/L	ND	400	400	504	563	126	141	60-140	11	30	M1	
Isopropylbenzene (Cumene)	ug/L	37.6	400	400	564	567	132	132	60-140	1	30		
m&p-Xylene	ug/L	284	800	800	1320	1330	130	131	60-140	1	30		
Methyl-tert-butyl ether	ug/L	111	400	400	647	674	134	141	60-140	4	30	M1	
Methylene Chloride	ug/L	ND	400	400	500	515	125	129	60-140	3	30		
n-Butylbenzene	ug/L	ND	400	400	480	531	120	133	60-140	10	30		
n-Propylbenzene	ug/L	ND	400	400	528	555	132	139	60-140	5	30		
Naphthalene	ug/L	80.4	400	400	526	582	111	125	60-140	10	30		
o-Xylene	ug/L	957	400	400	1460	1470	127	127	60-140	0	30		
sec-Butylbenzene	ug/L	ND	400	400	492	537	123	134	60-140	9	30		
Styrene	ug/L	ND	400	400	505	509	126	127	60-140	1	30		
tert-Amyl Alcohol	ug/L	13400	8000	8000	25700	28500	154	189	60-140	10	30	M1	
tert-Amylmethyl ether	ug/L	ND	800	800	1010	1090	127	137	60-140	7	30		
tert-Butyl Alcohol	ug/L	1310	4000	4000	6830	7680	138	159	60-140	12	30	M1	
tert-Butylbenzene	ug/L	ND	400	400	414	446	103	111	60-140	7	30		
Tetrachloroethene	ug/L	ND	400	400	523	527	131	132	60-140	1	30		
Toluene	ug/L	513	400	400	1010	1060	125	138	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	400	400	570	591	142	148	60-140	4	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	400	400	467	491	117	123	60-140	5	30		
Trichloroethene	ug/L	ND	400	400	546	578	137	145	60-140	6	30	M1	
Trichlorofluoromethane	ug/L	ND	400	400	564	572	141	143	60-140	1	30	M1	
Vinyl chloride	ug/L	ND	400	400	556	578	139	144	60-140	4	30	M1	
1,2-Dichloroethane-d4 (S)	%						100	100	70-130				
4-Bromofluorobenzene (S)	%						102	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch: 638321

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553185001

METHOD BLANK: 3351105

Matrix: Water

Associated Lab Samples: 92553185001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/05/21 23:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/05/21 23:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/05/21 23:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/05/21 23:30	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/05/21 23:30	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/05/21 23:30	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/05/21 23:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/05/21 23:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/05/21 23:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/05/21 23:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/05/21 23:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/05/21 23:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/05/21 23:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/05/21 23:30	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/05/21 23:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/05/21 23:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/05/21 23:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/05/21 23:30	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/05/21 23:30	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 23:30	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 23:30	
Benzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
Bromobenzene	ug/L	ND	0.50	0.29	08/05/21 23:30	
Bromochloromethane	ug/L	ND	0.50	0.47	08/05/21 23:30	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/05/21 23:30	
Bromoform	ug/L	ND	0.50	0.34	08/05/21 23:30	
Bromomethane	ug/L	ND	5.0	1.7	08/05/21 23:30	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/05/21 23:30	
Chlorobenzene	ug/L	ND	0.50	0.28	08/05/21 23:30	
Chloroethane	ug/L	ND	1.0	0.65	08/05/21 23:30	
Chloroform	ug/L	ND	0.50	0.35	08/05/21 23:30	
Chloromethane	ug/L	ND	1.0	0.54	08/05/21 23:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/05/21 23:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 23:30	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/05/21 23:30	
Dibromomethane	ug/L	ND	0.50	0.39	08/05/21 23:30	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/05/21 23:30	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/05/21 23:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

METHOD BLANK: 3351105

Matrix: Water

Associated Lab Samples: 92553185001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/05/21 23:30	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/05/21 23:30	
Ethylbenzene	ug/L	ND	0.50	0.30	08/05/21 23:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/05/21 23:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/05/21 23:30	
m&p-Xylene	ug/L	ND	1.0	0.71	08/05/21 23:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/05/21 23:30	
Methylene Chloride	ug/L	ND	2.0	2.0	08/05/21 23:30	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/05/21 23:30	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
Naphthalene	ug/L	ND	2.0	0.64	08/05/21 23:30	
o-Xylene	ug/L	ND	0.50	0.34	08/05/21 23:30	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/05/21 23:30	
Styrene	ug/L	ND	0.50	0.29	08/05/21 23:30	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/05/21 23:30	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/05/21 23:30	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/05/21 23:30	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/05/21 23:30	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/05/21 23:30	
Toluene	ug/L	ND	0.50	0.48	08/05/21 23:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/05/21 23:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 23:30	
Trichloroethene	ug/L	ND	0.50	0.38	08/05/21 23:30	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/05/21 23:30	
Vinyl chloride	ug/L	ND	1.0	0.39	08/05/21 23:30	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/05/21 23:30	
4-Bromofluorobenzene (S)	%	104	70-130		08/05/21 23:30	
Toluene-d8 (S)	%	101	70-130		08/05/21 23:30	

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.4	103	60-140	
1,1,1-Trichloroethane	ug/L	50	54.6	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	54.5	109	60-140	
1,1-Dichloroethene	ug/L	50	55.6	111	60-140	
1,1-Dichloropropene	ug/L	50	56.3	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.3	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.8	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.4	101	60-140	
1,2-Dichloroethane	ug/L	50	53.4	107	60-140	
1,2-Dichloropropane	ug/L	50	51.1	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.2	102	60-140	
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	51.1	102	60-140	
1,4-Dichlorobenzene	ug/L	50	51.4	103	60-140	
2,2-Dichloropropane	ug/L	50	54.8	110	60-140	
2-Chlorotoluene	ug/L	50	51.8	104	60-140	
4-Chlorotoluene	ug/L	50	48.3	97	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	49.1	98	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	46.9	94	60-140	
Bromomethane	ug/L	50	64.5	129	60-140	
Carbon tetrachloride	ug/L	50	55.9	112	60-140	
Chlorobenzene	ug/L	50	50.7	101	60-140	
Chloroethane	ug/L	50	38.3	77	60-140	
Chloroform	ug/L	50	49.7	99	60-140	
Chloromethane	ug/L	50	42.8	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.7	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	60-140	
Dibromochloromethane	ug/L	50	51.0	102	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	52.7	105	60-140	
Diisopropyl ether	ug/L	50	50.3	101	60-140	
Ethanol	ug/L	2000	2150	108	60-140	
Ethyl-tert-butyl ether	ug/L	100	109	109	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.0	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.3	105	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	55.3	111	60-140	
Methylene Chloride	ug/L	50	47.0	94	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	51.0	102	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	50.4	101	60-140	
Styrene	ug/L	50	50.9	102	60-140	
tert-Amyl Alcohol	ug/L	1000	1060	106	60-140	
tert-Amylmethyl ether	ug/L	100	106	106	60-140	
tert-Butyl Alcohol	ug/L	500	474	95	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	50.7	101	60-140	
trans-1,2-Dichloroethene	ug/L	50	54.3	109	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Trichloroethene	ug/L	50	53.2	106	60-140	
Trichlorofluoromethane	ug/L	50	52.6	105	60-140	
Vinyl chloride	ug/L	50	51.8	104	60-140	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351107 3351108

Parameter	Units	92553563015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	250	218	125	109	60-140	14	30	
1,1,1-Trichloroethane	ug/L	ND	200	200	300	261	150	130	60-140	14	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	232	201	116	100	60-140	14	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	255	218	128	109	60-140	16	30	
1,1-Dichloroethane	ug/L	ND	200	200	296	254	148	127	60-140	15	30	M1
1,1-Dichloroethene	ug/L	ND	200	200	304	264	152	132	60-140	14	30	M1
1,1-Dichloropropene	ug/L	ND	200	200	307	263	154	131	60-140	16	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	200	200	221	216	110	108	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	200	200	229	198	115	99	60-140	15	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	221	213	110	107	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	51.8	200	200	300	274	124	111	60-140	9	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	223	188	111	94	60-140	17	30	
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	245	213	123	106	60-140	14	30	
1,2-Dichlorobenzene	ug/L	ND	200	200	235	204	117	102	60-140	14	30	
1,2-Dichloroethane	ug/L	ND	200	200	283	244	141	122	60-140	14	30	M1
1,2-Dichloropropane	ug/L	ND	200	200	268	235	134	117	60-140	13	30	
1,3,5-Trimethylbenzene	ug/L	13.8	200	200	261	235	123	111	60-140	10	30	
1,3-Dichlorobenzene	ug/L	ND	200	200	233	208	117	104	60-140	11	30	
1,3-Dichloropropane	ug/L	ND	200	200	253	217	126	108	60-140	15	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	239	211	119	105	60-140	12	30	
2,2-Dichloropropane	ug/L	ND	200	200	243	209	122	104	60-140	15	30	
2-Chlorotoluene	ug/L	ND	200	200	250	220	125	110	60-140	13	30	
4-Chlorotoluene	ug/L	ND	200	200	231	207	115	104	60-140	11	30	
Benzene	ug/L	1920	200	200	2180	2210	129	146	60-140	2	30	E,M1
Bromobenzene	ug/L	ND	200	200	241	208	120	104	60-140	14	30	
Bromochloromethane	ug/L	ND	200	200	287	250	144	125	60-140	14	30	M1
Bromodichloromethane	ug/L	ND	200	200	259	227	129	113	60-140	13	30	
Bromoform	ug/L	ND	200	200	216	186	108	93	60-140	15	30	
Bromomethane	ug/L	ND	200	200	383	333	191	166	60-140	14	30	M1
Carbon tetrachloride	ug/L	ND	200	200	303	267	151	134	60-140	12	30	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3351107		3351108								
Parameter	Units	92553563015	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Chlorobenzene	ug/L	ND	200	200	253	223	126	112	60-140	13	30		
Chloroethane	ug/L	ND	200	200	275	240	137	120	60-140	14	30		
Chloroform	ug/L	ND	200	200	271	235	134	116	60-140	14	30		
Chloromethane	ug/L	ND	200	200	220	204	110	102	60-140	8	30		
cis-1,2-Dichloroethene	ug/L	ND	200	200	288	248	144	124	60-140	15	30	M1	
cis-1,3-Dichloropropene	ug/L	ND	200	200	246	215	123	108	60-140	13	30		
Dibromochloromethane	ug/L	ND	200	200	245	209	122	105	60-140	16	30		
Dibromomethane	ug/L	ND	200	200	250	223	125	112	60-140	11	30		
Dichlorodifluoromethane	ug/L	ND	200	200	253	219	127	110	60-140	15	30		
Diisopropyl ether	ug/L	302	200	200	585	539	142	119	60-140	8	30	M1	
Ethanol	ug/L	ND	8000	8000	10700	9490	133	119	60-140	12	30		
Ethyl-tert-butyl ether	ug/L	ND	400	400	563	480	141	120	60-140	16	30	M1	
Ethylbenzene	ug/L	150	200	200	412	379	131	115	60-140	8	30		
Hexachloro-1,3-butadiene	ug/L	ND	200	200	246	229	123	115	60-140	7	30		
Isopropylbenzene (Cumene)	ug/L	3.9J	200	200	258	229	127	112	60-140	12	30		
m&p-Xylene	ug/L	557	400	400	1080	1020	130	115	60-140	6	30		
Methyl-tert-butyl ether	ug/L	134	200	200	428	387	147	127	60-140	10	30	M1	
Methylene Chloride	ug/L	ND	200	200	263	226	131	113	60-140	15	30		
n-Butylbenzene	ug/L	ND	200	200	235	218	118	109	60-140	7	30		
n-Propylbenzene	ug/L	7.0	200	200	250	225	121	109	60-140	11	30		
Naphthalene	ug/L	18.1J	200	200	233	217	107	100	60-140	7	30		
o-Xylene	ug/L	335	200	200	589	563	127	114	60-140	4	30		
sec-Butylbenzene	ug/L	ND	200	200	240	223	120	111	60-140	8	30		
Styrene	ug/L	ND	200	200	248	214	124	107	60-140	14	30		
tert-Amyl Alcohol	ug/L	ND	4000	4000	5300	4830	128	116	60-140	9	30		
tert-Amylmethyl ether	ug/L	50.4J	400	400	583	510	133	115	60-140	13	30		
tert-Butyl Alcohol	ug/L	ND	2000	2000	3150	2790	157	139	60-140	12	30	M1	
tert-Butylbenzene	ug/L	ND	200	200	204	186	102	93	60-140	9	30		
Tetrachloroethene	ug/L	ND	200	200	246	218	123	109	60-140	12	30		
Toluene	ug/L	494	200	200	754	738	130	122	60-140	2	30		
trans-1,2-Dichloroethene	ug/L	ND	200	200	296	258	148	129	60-140	14	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	200	200	230	202	115	101	60-140	13	30		
Trichloroethene	ug/L	ND	200	200	279	250	139	125	60-140	11	30		
Trichlorofluoromethane	ug/L	ND	200	200	295	258	148	129	60-140	14	30	M1	
Vinyl chloride	ug/L	ND	200	200	277	237	139	119	60-140	15	30		
1,2-Dichloroethane-d4 (S)	%						106	102	70-130				
4-Bromofluorobenzene (S)	%						102	102	70-130				
Toluene-d8 (S)	%						98	99	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

QC Batch: 638624

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553185011

METHOD BLANK: 3352687

Matrix: Water

Associated Lab Samples: 92553185011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/06/21 12:48	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/06/21 12:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/06/21 12:48	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/06/21 12:48	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/06/21 12:48	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/06/21 12:48	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/06/21 12:48	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/06/21 12:48	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/06/21 12:48	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/06/21 12:48	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/06/21 12:48	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/06/21 12:48	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/06/21 12:48	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/06/21 12:48	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/06/21 12:48	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/06/21 12:48	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/06/21 12:48	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/06/21 12:48	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/06/21 12:48	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/06/21 12:48	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/06/21 12:48	
Benzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
Bromobenzene	ug/L	ND	0.50	0.29	08/06/21 12:48	
Bromochloromethane	ug/L	ND	0.50	0.47	08/06/21 12:48	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/06/21 12:48	
Bromoform	ug/L	ND	0.50	0.34	08/06/21 12:48	
Bromomethane	ug/L	ND	5.0	1.7	08/06/21 12:48	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/06/21 12:48	
Chlorobenzene	ug/L	ND	0.50	0.28	08/06/21 12:48	
Chloroethane	ug/L	ND	1.0	0.65	08/06/21 12:48	
Chloroform	ug/L	ND	0.50	0.35	08/06/21 12:48	
Chloromethane	ug/L	ND	1.0	0.54	08/06/21 12:48	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/06/21 12:48	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/06/21 12:48	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/06/21 12:48	
Dibromomethane	ug/L	ND	0.50	0.39	08/06/21 12:48	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/06/21 12:48	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/06/21 12:48	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

METHOD BLANK: 3352687

Matrix: Water

Associated Lab Samples: 92553185011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/06/21 12:48	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/06/21 12:48	
Ethylbenzene	ug/L	ND	0.50	0.30	08/06/21 12:48	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/06/21 12:48	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/06/21 12:48	
m&p-Xylene	ug/L	ND	1.0	0.71	08/06/21 12:48	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/06/21 12:48	
Methylene Chloride	ug/L	ND	2.0	2.0	08/06/21 12:48	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/06/21 12:48	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
Naphthalene	ug/L	ND	2.0	0.64	08/06/21 12:48	
o-Xylene	ug/L	ND	0.50	0.34	08/06/21 12:48	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/06/21 12:48	
Styrene	ug/L	ND	0.50	0.29	08/06/21 12:48	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/06/21 12:48	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/06/21 12:48	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/06/21 12:48	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/06/21 12:48	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/06/21 12:48	
Toluene	ug/L	ND	0.50	0.48	08/06/21 12:48	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/06/21 12:48	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/06/21 12:48	
Trichloroethene	ug/L	ND	0.50	0.38	08/06/21 12:48	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/06/21 12:48	
Vinyl chloride	ug/L	ND	1.0	0.39	08/06/21 12:48	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/06/21 12:48	
4-Bromofluorobenzene (S)	%	104	70-130		08/06/21 12:48	
Toluene-d8 (S)	%	102	70-130		08/06/21 12:48	

LABORATORY CONTROL SAMPLE: 3352688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	60-140	
1,1,1-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.5	95	60-140	
1,1,2-Trichloroethane	ug/L	50	50.4	101	60-140	
1,1-Dichloroethane	ug/L	50	56.0	112	60-140	
1,1-Dichloroethene	ug/L	50	57.7	115	60-140	
1,1-Dichloropropene	ug/L	50	57.8	116	60-140	
1,2,3-Trichlorobenzene	ug/L	50	55.2	110	60-140	
1,2,3-Trichloropropane	ug/L	50	48.9	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.9	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3352688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	54.3	109	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.8	104	60-140	
1,3-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	54.6	109	60-140	
2-Chlorotoluene	ug/L	50	51.1	102	60-140	
4-Chlorotoluene	ug/L	50	47.9	96	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	51.3	103	60-140	
Bromoform	ug/L	50	46.7	93	60-140	
Bromomethane	ug/L	50	68.5	137	60-140	
Carbon tetrachloride	ug/L	50	57.6	115	60-140	
Chlorobenzene	ug/L	50	50.7	101	60-140	
Chloroethane	ug/L	50	43.0	86	60-140	
Chloroform	ug/L	50	50.3	101	60-140	
Chloromethane	ug/L	50	52.9	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	54.5	109	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	51.0	102	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	60.6	121	60-140	
Diisopropyl ether	ug/L	50	50.9	102	60-140	
Ethanol	ug/L	2000	2060	103	60-140	
Ethyl-tert-butyl ether	ug/L	100	110	110	60-140	
Ethylbenzene	ug/L	50	51.6	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	52.5	105	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.4	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	55.0	110	60-140	
Methylene Chloride	ug/L	50	47.8	96	60-140	
n-Butylbenzene	ug/L	50	52.8	106	60-140	
n-Propylbenzene	ug/L	50	50.8	102	60-140	
Naphthalene	ug/L	50	50.7	101	60-140	
o-Xylene	ug/L	50	50.2	100	60-140	
sec-Butylbenzene	ug/L	50	51.2	102	60-140	
Styrene	ug/L	50	49.9	100	60-140	
tert-Amyl Alcohol	ug/L	1000	1040	104	60-140	
tert-Amylmethyl ether	ug/L	100	107	107	60-140	
tert-Butyl Alcohol	ug/L	500	463	93	60-140	
tert-Butylbenzene	ug/L	50	42.4	85	60-140	
Tetrachloroethene	ug/L	50	51.7	103	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

LABORATORY CONTROL SAMPLE: 3352688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	52.0	104	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.8	112	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	54.5	109	60-140	
Trichlorofluoromethane	ug/L	50	55.1	110	60-140	
Vinyl chloride	ug/L	50	55.1	110	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352689 3352690

Parameter	Units	92553467015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2020	2050	101	103	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2480	2480	124	124	60-140	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	1810	1870	91	94	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	2000	2000	1980	1990	99	100	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	2000	2000	2420	2400	121	120	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	2000	2000	2550	2510	127	126	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	2000	2000	2540	2530	127	127	60-140	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	1860	2030	93	102	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	2000	2000	1880	1930	94	97	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	1890	2010	94	100	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	1830	2000	2000	3800	3840	99	100	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	1730	1760	86	88	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	1960	1990	98	99	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	2000	2000	1910	1950	96	97	60-140	2	30	
1,2-Dichloroethane	ug/L	34.5J	2000	2000	2320	2330	114	115	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	2000	2000	2170	2160	109	108	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2520	2520	126	126	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	2000	2000	1950	1990	98	100	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	2000	2000	1980	2040	99	102	60-140	3	30	
1,4-Dichlorobenzene	ug/L	ND	2000	2000	1990	2020	100	101	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	2000	2000	2280	2270	114	114	60-140	0	30	
2-Chlorotoluene	ug/L	ND	2000	2000	2130	2060	106	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	2000	2000	1920	1960	96	98	60-140	2	30	
Benzene	ug/L	2290	2000	2000	4560	4500	113	111	60-140	1	30	
Bromobenzene	ug/L	ND	2000	2000	1950	1970	97	99	60-140	1	30	
Bromochloromethane	ug/L	ND	2000	2000	2320	2390	116	120	60-140	3	30	
Bromodichloromethane	ug/L	ND	2000	2000	2110	2090	105	105	60-140	1	30	
Bromoform	ug/L	ND	2000	2000	1720	1760	86	88	60-140	2	30	
Bromomethane	ug/L	ND	2000	2000	2940	3010	147	151	60-140	3	30	M1
Carbon tetrachloride	ug/L	ND	2000	2000	2500	2490	125	124	60-140	0	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352689 3352690											
Parameter	Units	92553467015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/L	ND	2000	2000	2080	2120	104	106	60-140	2	30
Chloroethane	ug/L	ND	2000	2000	2380	2330	119	117	60-140	2	30
Chloroform	ug/L	ND	2000	2000	2160	2220	107	110	60-140	3	30
Chloromethane	ug/L	ND	2000	2000	1840	1880	92	94	60-140	2	30
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2360	2320	118	116	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2040	2020	102	101	60-140	1	30
Dibromochloromethane	ug/L	ND	2000	2000	1950	1970	98	98	60-140	1	30
Dibromomethane	ug/L	ND	2000	2000	2010	2060	101	103	60-140	2	30
Dichlorodifluoromethane	ug/L	ND	2000	2000	2390	2270	119	114	60-140	5	30
Diisopropyl ether	ug/L	ND	2000	2000	2110	2070	105	104	60-140	2	30
Ethanol	ug/L	ND	80000	80000	81400	82100	102	103	60-140	1	30
Ethyl-tert-butyl ether	ug/L	ND	4000	4000	4480	4430	112	111	60-140	1	30
Ethylbenzene	ug/L	2620	2000	2000	4700	4710	104	105	60-140	0	30
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2020	2190	101	109	60-140	8	30
Isopropylbenzene (Cumene)	ug/L	93.7	2000	2000	2260	2270	108	109	60-140	0	30
m&p-Xylene	ug/L	8530	4000	4000	12500	12600	100	101	60-140	1	30
Methyl-tert-butyl ether	ug/L	324	2000	2000	2640	2650	116	117	60-140	1	30
Methylene Chloride	ug/L	ND	2000	2000	2180	2120	109	106	60-140	3	30
n-Butylbenzene	ug/L	ND	2000	2000	2040	2120	102	106	60-140	4	30
n-Propylbenzene	ug/L	ND	2000	2000	2310	2320	115	116	60-140	0	30
Naphthalene	ug/L	603	2000	2000	2340	2500	87	95	60-140	6	30
o-Xylene	ug/L	3760	2000	2000	5710	5750	97	99	60-140	1	30
sec-Butylbenzene	ug/L	ND	2000	2000	2030	2080	102	104	60-140	2	30
Styrene	ug/L	36.8J	2000	2000	2050	2090	101	103	60-140	2	30
tert-Amyl Alcohol	ug/L	5960J	40000	40000	44000	46000	95	100	60-140	4	30
tert-Amylmethyl ether	ug/L	ND	4000	4000	4240	4240	106	106	60-140	0	30
tert-Butyl Alcohol	ug/L	ND	20000	20000	17500	18400	88	92	60-140	5	30
tert-Butylbenzene	ug/L	ND	2000	2000	1700	1760	85	88	60-140	3	30
Tetrachloroethene	ug/L	ND	2000	2000	2120	2150	106	108	60-140	2	30
Toluene	ug/L	11800	2000	2000	13700	13500	95	86	60-140	1	30
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2450	2420	123	121	60-140	1	30
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1910	1910	96	96	60-140	0	30
Trichloroethene	ug/L	ND	2000	2000	2350	2320	118	116	60-140	1	30
Trichlorofluoromethane	ug/L	ND	2000	2000	2510	2460	125	123	60-140	2	30
Vinyl chloride	ug/L	ND	2000	2000	2300	2280	115	114	60-140	1	30
1,2-Dichloroethane-d4 (S)	%						104	104	70-130		
4-Bromofluorobenzene (S)	%						103	102	70-130		
Toluene-d8 (S)	%						100	99	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553185011	MW-50	EPA 8015 Alcohol-Glycol	634126		
92553185001	EB-1-20210803	MADEP VPH	638056		
92553185002	FB-1-20210803	MADEP VPH	638056		
92553185003	MW-08	MADEP VPH	638369		
92553185004	MW-14	MADEP VPH	638369		
92553185005	MW-44	MADEP VPH	638056		
92553185006	MW-13	MADEP VPH	638056		
92553185007	MW-60	MADEP VPH	638056		
92553185008	MW-76	MADEP VPH	638056		
92553185009	DUP-2-20210803	MADEP VPH	638056		
92553185010	MW-46	MADEP VPH	638056		
92553185011	MW-50	MADEP VPH	638056		
92553185012	MW-62D	MADEP VPH	638056		
92553185001	EB-1-20210803	EPA 3010A	638299	EPA 6010D	638433
92553185003	MW-08	EPA 3010A	638299	EPA 6010D	638433
92553185004	MW-14	EPA 3010A	638299	EPA 6010D	638433
92553185005	MW-44	EPA 3010A	638299	EPA 6010D	638433
92553185006	MW-13	EPA 3010A	638299	EPA 6010D	638433
92553185007	MW-60	EPA 3010A	638299	EPA 6010D	638433
92553185008	MW-76	EPA 3010A	638299	EPA 6010D	638433
92553185009	DUP-2-20210803	EPA 3010A	638299	EPA 6010D	638433
92553185010	MW-46	EPA 3010A	638299	EPA 6010D	638433
92553185011	MW-50	EPA 3010A	638299	EPA 6010D	638433
92553185012	MW-62D	EPA 3010A	638299	EPA 6010D	638433
92553185001	EB-1-20210803	6200B-2011	1723350	SM 6200B	1723350
92553185002	FB-1-20210803	6200B-2011	1723350	SM 6200B	1723350
92553185003	MW-08	6200B-2011	1723350	SM 6200B	1723350
92553185004	MW-14	6200B-2011	1723350	SM 6200B	1723350
92553185005	MW-44	6200B-2011	1723350	SM 6200B	1723350
92553185006	MW-13	6200B-2011	1723350	SM 6200B	1723350
92553185007	MW-60	6200B-2011	1723350	SM 6200B	1723350
92553185008	MW-76	6200B-2011	1723350	SM 6200B	1723350
92553185009	DUP-2-20210803	6200B-2011	1723350	SM 6200B	1723350
92553185010	MW-46	6200B-2011	1723350	SM 6200B	1723350
92553185011	MW-50	6200B-2011	1723363	SM 6200B	1723363
92553185012	MW-62D	6200B-2011	1723363	SM 6200B	1723363
92553185001	EB-1-20210803	SM 6200B	638321		
92553185002	FB-1-20210803	SM 6200B	637909		
92553185003	MW-08	SM 6200B	637909		
92553185004	MW-14	SM 6200B	637909		
92553185005	MW-44	SM 6200B	637909		
92553185006	MW-13	SM 6200B	637909		
92553185007	MW-60	SM 6200B	637909		
92553185008	MW-76	SM 6200B	637909		
92553185009	DUP-2-20210803	SM 6200B	637909		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

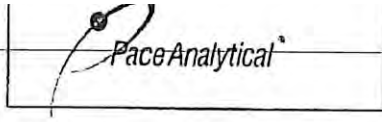
Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553185

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553185010	MW-46	SM 6200B	637909		
92553185011	MW-50	SM 6200B	638624		
92553185012	MW-62D	SM 6200B	637909		
92553185013	TRIP BLANK	SM 6200B	637982		

REPORT OF LABORATORY ANALYSIS

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	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

AECOM

Project

W0# : 92553185

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other:



92553185

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials-Person-Examining-Contents: 288-321

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer:

☒ IR Gun ID: 92T064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Cooler Temp: 4.2 Correction Factor: 4.1 Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.1

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☒ Yes ☐ No ☐ N/A	4.	
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☐ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☐ Yes ☒ No ☐ N/A	8.	
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>			
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.	
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.	
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project:

WO# : 92553185

PM: BV

Due Date: 08/06/21

CLIENT: 92-AECOM CHA

	Item#																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project

WO#: 92553185

PM: BV

Due Date: 08/06/21

CLIENT: 92-AECOM CHA

	Item#	
	BP4U-125 mL	Plastic Unpreserved (N/A) (Cl-)
	BP3U-250 mL	Plastic Unpreserved (N/A)
	BP2U-500 mL	Plastic Unpreserved (N/A)
	BP1U-1 liter	Plastic Unpreserved (N/A)
	BP4S-125 mL	Plastic H2SO4 (pH < 2) (Cl-)
	BP3N-250 mL	plastic HNO3 (pH < 2)
	BP4Z-125 mL	Plastic ZN Acetate & NaOH (>9)
	BP4C-125 mL	Plastic NaOH (pH > 12) (Cl-)
	WGFU-Wide-mouthed Glass jar	Unpreserved
	AG1U-1 liter	Amber Unpreserved (N/A) (Cl-)
	AG1H-1 liter	Amber HCl (pH < 2)
	AG3U-250 mL	Amber Unpreserved (N/A) (Cl-)
	AG1S-1 liter	Amber H2SO4 (pH < 2)
	AG3S-250 mL	Amber H2SO4 (pH < 2)
	AG3A(DG3A)-250 mL	Amber NH4Cl (N/A)(Cl-)
	DG9H-40 mL	VOA HCl (N/A)
	VG9T-40 mL	VOA Na2SO3 (N/A)
	VG9U-40 mL	VOA Unp (N/A)
	DG9P-40 mL	VOA H3PO4 (N/A)
	VOAK (6 vials per kit)-S035 kit	(N/A)
	V/GK (3 vials per kit)-VPH/Gas kit	(N/A)
	SP5T-125 mL	Sterile Plastic (N/A - lab)
	SP2T-250 mL	Sterile Plastic (N/A - lab)
	BP3A-250 mL	Plastic (NH2)2SO4 (9.3-9.7)
	AG0U-100 mL	Amber Unpreserved vials (N/A)
	V5GU-20 mL	Scintillation vials (N/A)
	DG9U-40 mL	Amber Unpreserved vials (N/A)

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 18, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92553189

Dear Andrew Wreschnig:

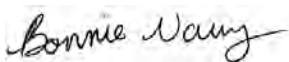
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LA000356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Mold Certification #: LAB0152

Texas Certification #: T 104704245-17-14

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: VT2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553189001	MW-21	Water	08/03/21 08:45	08/03/21 16:50
92553189002	MW-80	Water	08/03/21 10:00	08/03/21 16:50
92553189003	MW-81	Water	08/03/21 11:45	08/03/21 16:50
92553189004	MW-31	Water	08/03/21 09:47	08/03/21 16:50
92553189005	MW-23	Water	08/03/21 10:45	08/03/21 16:50
92553189006	MW-84	Water	08/03/21 12:10	08/03/21 16:50
92553189007	MW-19	Water	08/03/21 12:50	08/03/21 16:50
92553189008	MW-79	Water	08/03/21 12:25	08/03/21 16:50
92553189009	MW-81D	Water	08/03/21 13:05	08/03/21 16:50
92553189010	MW-82	Water	08/03/21 14:45	08/03/21 16:50
92553189011	MW-31D	Water	08/03/21 14:50	08/03/21 16:50
92553189012	MW-77	Water	08/03/21 14:25	08/03/21 16:50
92553189013	EB-2-20210803	Water	08/03/21 14:55	08/03/21 16:50
92553189014	DUP-1-20210803	Water	08/03/21 00:00	08/03/21 16:50
92553189015	MW-78	Water	08/03/21 15:50	08/03/21 16:50
92553189016	FB-2-20210803	Water	08/03/21 14:40	08/03/21 16:50
92553189017	TRIP BLANK	Water	08/03/21 00:00	08/03/21 16:50

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553189001	MW-21	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	CL	68	PASI-C
92553189002	MW-80	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	SAS	68	PASI-C
92553189003	MW-81	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	SAS	68	PASI-C
92553189004	MW-31	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	SAS	68	PASI-C
92553189005	MW-23	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
92553189006	MW-84	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	SAS	68	PASI-C
92553189007	MW-19	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
92553189008	MW-79	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
92553189009	MW-81D	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
92553189010	MW-82	MADEP VPH	MAD	6	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553189011	MW-31D	EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
92553189012	MW-77	SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
92553189013	EB-2-20210803	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	CL	68	PASI-C
92553189014	DUP-1-20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92553189015	MW-78	EPA 6010D	SH1	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
92553189016	FB-2-20210803	SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		SM 6200B	ADM	4	PAN
		SM 6200B	PM1	68	PASI-C
92553189017	TRIP BLANK	SM 6200B	PM1	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-21		Lab ID: 92553189001		Collected: 08/03/21 08:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	1080	ug/L	50.0	50.0	1		08/04/21 23:39		N2
Aliphatic (C05-C08)	1050	ug/L	50.0	50.0	1		08/04/21 23:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/04/21 23:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/04/21 23:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/04/21 23:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/04/21 23:39	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:10	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 08:08	08/15/21 08:08	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 08:08	08/15/21 08:08	2037-26-5	
4-Bromofluorobenzene (S)	96.8	%	77.0-126		1	08/15/21 08:08	08/15/21 08:08	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70.0-130		1	08/15/21 08:08	08/15/21 08:08	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 04:14	75-85-4	
tert-Amylmethyl ether	3.6J	ug/L	10.0	2.7	1		08/06/21 04:14	994-05-8	
Benzene	154	ug/L	0.50	0.34	1		08/06/21 04:14	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 04:14	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 04:14	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 04:14	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 04:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 04:14	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 04:14	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 04:14	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 04:14	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 04:14	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 04:14	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 04:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 04:14	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 04:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 04:14	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 04:14	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 04:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 04:14	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 04:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 04:14	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 04:14	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-21		Lab ID: 92553189001		Collected: 08/03/21 08:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 04:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 04:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 04:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 04:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 04:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 04:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 04:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 04:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 04:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 04:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 04:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 04:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 04:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 04:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 04:14	10061-02-6	
Diisopropyl ether	35.3	ug/L	0.50	0.31	1		08/06/21 04:14	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 04:14	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 04:14	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 04:14	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 04:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 04:14	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 04:14	75-09-2	
Methyl-tert-butyl ether	14.9	ug/L	0.50	0.42	1		08/06/21 04:14	1634-04-4	
Naphthalene	1.4J	ug/L	2.0	0.64	1		08/06/21 04:14	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 04:14	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 04:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 04:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 04:14	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 04:14	127-18-4	
Toluene	2.2	ug/L	0.50	0.48	1		08/06/21 04:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 04:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 04:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 04:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 04:14	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 04:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 04:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 04:14	96-18-4	
1,2,4-Trimethylbenzene	2.3	ug/L	0.50	0.50	1		08/06/21 04:14	95-63-6	
1,3,5-Trimethylbenzene	0.95	ug/L	0.50	0.33	1		08/06/21 04:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 04:14	75-01-4	
m&p-Xylene	4.8	ug/L	1.0	0.71	1		08/06/21 04:14	179601-23-1	
o-Xylene	9.1	ug/L	0.50	0.34	1		08/06/21 04:14	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		08/06/21 04:14	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/06/21 04:14	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-21		Lab ID: 92553189001		Collected: 08/03/21 08:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/06/21 04:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-80		Lab ID: 92553189002		Collected: 08/03/21 10:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 01:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 01:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 01:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 01:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/05/21 01:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/05/21 01:04	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:13	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 08:30	08/15/21 08:30	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 08:30	08/15/21 08:30	2037-26-5	
4-Bromofluorobenzene (S)	94.0	%	77.0-126		1	08/15/21 08:30	08/15/21 08:30	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/15/21 08:30	08/15/21 08:30	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 12:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 12:59	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 12:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 12:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 12:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 12:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 12:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 12:59	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 12:59	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 12:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 12:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 12:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 12:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 12:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 12:59	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 12:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 12:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 12:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 12:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 12:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 12:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 12:59	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-80		Lab ID: 92553189002		Collected: 08/03/21 10:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 12:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 12:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 12:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 12:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 12:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 12:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 12:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 12:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 12:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 12:59	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 12:59	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 12:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 12:59	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 12:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 12:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 12:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 12:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 12:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 12:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 12:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 12:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 12:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 12:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 12:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 12:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 12:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 12:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 12:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 12:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 12:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 12:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 12:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 12:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 12:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 12:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 12:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		08/04/21 12:59	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/04/21 12:59	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-80		Lab ID: 92553189002		Collected: 08/03/21 10:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/04/21 12:59	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-81		Lab ID: 92553189003		Collected: 08/03/21 11:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 01:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 01:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 01:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 01:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/05/21 01:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/05/21 01:32	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:17	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 08:52	08/15/21 08:52	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/15/21 08:52	08/15/21 08:52	2037-26-5	
4-Bromofluorobenzene (S)	94.5	%	77.0-126		1	08/15/21 08:52	08/15/21 08:52	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/15/21 08:52	08/15/21 08:52	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 13:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 13:17	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 13:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 13:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 13:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 13:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 13:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 13:17	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 13:17	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 13:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 13:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 13:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 13:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 13:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 13:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 13:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 13:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 13:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 13:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 13:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 13:17	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-81		Lab ID: 92553189003		Collected: 08/03/21 11:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 13:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 13:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 13:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 13:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 13:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 13:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 13:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 13:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:17	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 13:17	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 13:17	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 13:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 13:17	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 13:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 13:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 13:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 13:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 13:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 13:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 13:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 13:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 13:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 13:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 13:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 13:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 13:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 13:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 13:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 13:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 13:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 13:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 13:17	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		08/04/21 13:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-81		Lab ID: 92553189003		Collected: 08/03/21 11:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/04/21 13:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-31		Lab ID: 92553189004		Collected: 08/03/21 09:47		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 02:01		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 02:01		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 02:01		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 02:01		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/05/21 02:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 02:01	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:20	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 09:13	08/15/21 09:13	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/15/21 09:13	08/15/21 09:13	2037-26-5	
4-Bromofluorobenzene (S)	92.2	%	77.0-126		1	08/15/21 09:13	08/15/21 09:13	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70.0-130		1	08/15/21 09:13	08/15/21 09:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 15:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 15:59	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:59	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 15:59	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:59	75-00-3	
Chloroform	0.36J	ug/L	0.50	0.35	1		08/04/21 15:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:59	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-31		Lab ID: 92553189004		Collected: 08/03/21 09:47		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:59	10061-02-6	
Diisopropyl ether	1.3	ug/L	0.50	0.31	1		08/04/21 15:59	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 15:59	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 15:59	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 15:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 15:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 15:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		08/04/21 15:59	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 15:59	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-31		Lab ID: 92553189004		Collected: 08/03/21 09:47		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/04/21 15:59	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-23		Lab ID: 92553189005		Collected: 08/03/21 10:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 02:29		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 02:29		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 02:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 02:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/05/21 02:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 02:29	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:23	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 09:35	08/15/21 09:35	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 09:35	08/15/21 09:35	2037-26-5	
4-Bromofluorobenzene (S)	93.3	%	77.0-126		1	08/15/21 09:35	08/15/21 09:35	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70.0-130		1	08/15/21 09:35	08/15/21 09:35	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 16:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 16:17	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 16:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 16:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 16:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 16:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 16:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 16:17	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 16:17	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 16:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 16:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 16:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 16:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 16:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 16:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 16:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 16:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 16:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 16:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 16:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 16:17	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-23		Lab ID: 92553189005		Collected: 08/03/21 10:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 16:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 16:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 16:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 16:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 16:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 16:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 16:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 16:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:17	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 16:17	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 16:17	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 16:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 16:17	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 16:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 16:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 16:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 16:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 16:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 16:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 16:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 16:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 16:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 16:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 16:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 16:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 16:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 16:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 16:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 16:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 16:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 16:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 16:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 16:17	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/04/21 16:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-23		Lab ID: 92553189005		Collected: 08/03/21 10:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/04/21 16:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-84		Lab ID: 92553189006		Collected: 08/03/21 12:10		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 02:57		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 02:57		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 02:57		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 02:57		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/05/21 02:57	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 02:57	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:26	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 09:56	08/15/21 09:56	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 09:56	08/15/21 09:56	2037-26-5	
4-Bromofluorobenzene (S)	92.5	%	77.0-126		1	08/15/21 09:56	08/15/21 09:56	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70.0-130		1	08/15/21 09:56	08/15/21 09:56	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 13:35	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 13:35	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 13:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 13:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 13:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 13:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 13:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 13:35	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 13:35	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 13:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 13:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 13:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 13:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 13:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 13:35	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 13:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 13:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 13:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 13:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 13:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 13:35	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-84		Lab ID: 92553189006		Collected: 08/03/21 12:10		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 13:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 13:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 13:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 13:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 13:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 13:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 13:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 13:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 13:35	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 13:35	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 13:35	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 13:35	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 13:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 13:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 13:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 13:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 13:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 13:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 13:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 13:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 13:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 13:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 13:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 13:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 13:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 13:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 13:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 13:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 13:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 13:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 13:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/04/21 13:35	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/04/21 13:35	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-84		Lab ID: 92553189006		Collected: 08/03/21 12:10		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/04/21 13:35	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-19		Lab ID: 92553189007		Collected: 08/03/21 12:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	66900	ug/L	1000	1000	20		08/05/21 23:55		N2
Aliphatic (C05-C08)	58900	ug/L	1000	1000	20		08/05/21 23:55		N2
Aliphatic(C09-C12) Adjusted	7110	ug/L	1000	1000	20		08/05/21 23:55		N2
Aromatic (C09-C10)	ND	ug/L	1000	1000	20		08/05/21 23:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		20		08/05/21 23:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		20		08/05/21 23:55	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:42	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	2.00	1.50	10	08/15/21 12:50	08/15/21 12:50	71-36-3	
Surrogates									
Toluene-d8 (S)	102	%	80.0-120		10	08/15/21 12:50	08/15/21 12:50	2037-26-5	
4-Bromofluorobenzene (S)	98.9	%	77.0-126		10	08/15/21 12:50	08/15/21 12:50	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70.0-130		10	08/15/21 12:50	08/15/21 12:50	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	4000	1460	40		08/04/21 17:11	75-85-4	
tert-Amylmethyl ether	ND	ug/L	400	106	40		08/04/21 17:11	994-05-8	
Benzene	4090	ug/L	20.0	13.8	40		08/04/21 17:11	71-43-2	
Bromobenzene	ND	ug/L	20.0	11.6	40		08/04/21 17:11	108-86-1	
Bromochloromethane	ND	ug/L	20.0	18.7	40		08/04/21 17:11	74-97-5	
Bromodichloromethane	ND	ug/L	20.0	12.3	40		08/04/21 17:11	75-27-4	
Bromoform	ND	ug/L	20.0	13.6	40		08/04/21 17:11	75-25-2	
Bromomethane	ND	ug/L	200	66.4	40		08/04/21 17:11	74-83-9	
tert-Butyl Alcohol	ND	ug/L	2000	1070	40		08/04/21 17:11	75-65-0	
n-Butylbenzene	ND	ug/L	20.0	19.6	40		08/04/21 17:11	104-51-8	
sec-Butylbenzene	ND	ug/L	20.0	16.0	40		08/04/21 17:11	135-98-8	
tert-Butylbenzene	ND	ug/L	20.0	12.9	40		08/04/21 17:11	98-06-6	
Carbon tetrachloride	ND	ug/L	20.0	13.3	40		08/04/21 17:11	56-23-5	
Chlorobenzene	ND	ug/L	20.0	11.4	40		08/04/21 17:11	108-90-7	
Chloroethane	ND	ug/L	40.0	26.0	40		08/04/21 17:11	75-00-3	
Chloroform	ND	ug/L	20.0	14.1	40		08/04/21 17:11	67-66-3	
Chloromethane	ND	ug/L	40.0	21.6	40		08/04/21 17:11	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	12.8	40		08/04/21 17:11	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	13.0	40		08/04/21 17:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	13.6	40		08/04/21 17:11	96-12-8	
Dibromochloromethane	ND	ug/L	20.0	14.4	40		08/04/21 17:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	20.0	10.9	40		08/04/21 17:11	106-93-4	
Dibromomethane	ND	ug/L	20.0	15.8	40		08/04/21 17:11	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-19		Lab ID: 92553189007		Collected: 08/03/21 12:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	20.0	13.6	40		08/04/21 17:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	20.0	13.6	40		08/04/21 17:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	20.0	13.3	40		08/04/21 17:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	20.0	13.8	40		08/04/21 17:11	75-71-8	
1,1-Dichloroethane	ND	ug/L	20.0	14.7	40		08/04/21 17:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	20.0	12.9	40		08/04/21 17:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	20.0	13.9	40		08/04/21 17:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	20.0	15.4	40		08/04/21 17:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	20.0	15.8	40		08/04/21 17:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	20.0	14.2	40		08/04/21 17:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	20.0	11.4	40		08/04/21 17:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	15.5	40		08/04/21 17:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	20.0	17.1	40		08/04/21 17:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	14.6	40		08/04/21 17:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	14.5	40		08/04/21 17:11	10061-02-6	
Diisopropyl ether	306	ug/L	20.0	12.3	40		08/04/21 17:11	108-20-3	
Ethanol	ND	ug/L	8000	2890	40		08/04/21 17:11	64-17-5	
Ethylbenzene	445	ug/L	20.0	12.2	40		08/04/21 17:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	400	130	40		08/04/21 17:11	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	80.0	61.2	40		08/04/21 17:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	20.0	13.3	40		08/04/21 17:11	98-82-8	
Methylene Chloride	ND	ug/L	80.0	78.0	40		08/04/21 17:11	75-09-2	
Methyl-tert-butyl ether	60.8	ug/L	20.0	16.9	40		08/04/21 17:11	1634-04-4	
Naphthalene	63.6J	ug/L	80.0	25.8	40		08/04/21 17:11	91-20-3	
n-Propylbenzene	ND	ug/L	20.0	13.6	40		08/04/21 17:11	103-65-1	
Styrene	ND	ug/L	20.0	11.7	40		08/04/21 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	12.4	40		08/04/21 17:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	9.0	40		08/04/21 17:11	79-34-5	
Tetrachloroethene	ND	ug/L	20.0	11.7	40		08/04/21 17:11	127-18-4	
Toluene	5710	ug/L	20.0	19.4	40		08/04/21 17:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	80.0	32.2	40		08/04/21 17:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	80.0	25.6	40		08/04/21 17:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	20.0	13.3	40		08/04/21 17:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	20.0	13.0	40		08/04/21 17:11	79-00-5	
Trichloroethene	ND	ug/L	20.0	15.3	40		08/04/21 17:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	40.0	11.9	40		08/04/21 17:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	10.4	40		08/04/21 17:11	96-18-4	
1,2,4-Trimethylbenzene	283	ug/L	20.0	19.8	40		08/04/21 17:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	20.0	13.3	40		08/04/21 17:11	108-67-8	
Vinyl chloride	ND	ug/L	40.0	15.4	40		08/04/21 17:11	75-01-4	
m&p-Xylene	1980	ug/L	40.0	28.4	40		08/04/21 17:11	179601-23-1	
o-Xylene	1060	ug/L	20.0	13.5	40		08/04/21 17:11	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		40		08/04/21 17:11	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		40		08/04/21 17:11	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-19		Lab ID: 92553189007		Collected: 08/03/21 12:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	98	%	70-130		40		08/04/21 17:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-79		Lab ID: 92553189008		Collected: 08/03/21 12:25		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 03:54		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 03:54		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 03:54		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 03:54		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		08/05/21 03:54	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/05/21 03:54	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:46	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 10:18	08/15/21 10:18	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/15/21 10:18	08/15/21 10:18	2037-26-5	
4-Bromofluorobenzene (S)	91.8	%	77.0-126		1	08/15/21 10:18	08/15/21 10:18	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/15/21 10:18	08/15/21 10:18	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 16:16	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 16:16	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 16:16	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 16:16	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 16:16	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 16:16	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 16:16	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 16:16	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 16:16	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 16:16	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 16:16	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 16:16	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 16:16	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 16:16	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 16:16	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 16:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 16:16	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:16	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 16:16	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 16:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 16:16	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 16:16	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-79		Lab ID: 92553189008		Collected: 08/03/21 12:25		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 16:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 16:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 16:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 16:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 16:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 16:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 16:16	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 16:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:16	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 16:16	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 16:16	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 16:16	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 16:16	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 16:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 16:16	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 16:16	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 16:16	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 16:16	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:16	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 16:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 16:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 16:16	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 16:16	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 16:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 16:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 16:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 16:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:16	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 16:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 16:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 16:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:16	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 16:16	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 16:16	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 16:16	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		08/04/21 16:16	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 16:16	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-79		Lab ID: 92553189008		Collected: 08/03/21 12:25		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/04/21 16:16	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-81D		Lab ID: 92553189009		Collected: 08/03/21 13:05		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 04:23		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 04:23		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 04:23		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 04:23		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/05/21 04:23	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/05/21 04:23	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 04:49	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 10:40	08/15/21 10:40	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 10:40	08/15/21 10:40	2037-26-5	
4-Bromofluorobenzene (S)	95.0	%	77.0-126		1	08/15/21 10:40	08/15/21 10:40	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/15/21 10:40	08/15/21 10:40	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 14:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 14:47	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 14:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 14:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 14:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 14:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 14:47	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 14:47	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 14:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 14:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 14:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 14:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 14:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 14:47	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 14:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 14:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 14:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 14:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 14:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 14:47	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-81D		Lab ID: 92553189009		Collected: 08/03/21 13:05		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 14:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 14:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 14:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 14:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 14:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 14:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 14:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 14:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 14:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 14:47	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 14:47	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 14:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 14:47	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 14:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 14:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 14:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 14:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 14:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 14:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 14:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 14:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 14:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 14:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 14:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 14:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 14:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 14:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 14:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 14:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 14:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 14:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 14:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 14:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 14:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 14:47	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 14:47	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-81D		Lab ID: 92553189009		Collected: 08/03/21 13:05		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/04/21 14:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-82		Lab ID: 92553189010		Collected: 08/03/21 14:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 04:51		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 04:51		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 04:51		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 04:51		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/05/21 04:51	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/05/21 04:51	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 02:24	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 11:02	08/15/21 11:02	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 11:02	08/15/21 11:02	2037-26-5	
4-Bromofluorobenzene (S)	93.8	%	77.0-126		1	08/15/21 11:02	08/15/21 11:02	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70.0-130		1	08/15/21 11:02	08/15/21 11:02	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 15:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 15:05	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:05	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 15:05	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:05	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 15:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:05	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-82		Lab ID: 92553189010		Collected: 08/03/21 14:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 15:05	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 15:05	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 15:05	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 15:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 15:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 15:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 15:05	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/04/21 15:05	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-82		Lab ID: 92553189010		Collected: 08/03/21 14:45		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/04/21 15:05	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-31D		Lab ID: 92553189011		Collected: 08/03/21 14:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 05:19		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 05:19		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 05:19		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 05:19		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/05/21 05:19	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/05/21 05:19	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 02:50	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 11:23	08/15/21 11:23	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/15/21 11:23	08/15/21 11:23	2037-26-5	
4-Bromofluorobenzene (S)	94.8	%	77.0-126		1	08/15/21 11:23	08/15/21 11:23	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/15/21 11:23	08/15/21 11:23	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 15:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 15:23	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 15:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 15:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:23	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-31D		Lab ID: 92553189011		Collected: 08/03/21 14:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 15:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 15:23	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 15:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 15:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 15:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 15:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		08/04/21 15:23	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 15:23	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-31D		Lab ID: 92553189011		Collected: 08/03/21 14:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/04/21 15:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-77		Lab ID: 92553189012		Collected: 08/03/21 14:25		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 05:48		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 05:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 05:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 05:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/05/21 05:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 05:48	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 02:53	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 11:45	08/15/21 11:45	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/15/21 11:45	08/15/21 11:45	2037-26-5	
4-Bromofluorobenzene (S)	96.4	%	77.0-126		1	08/15/21 11:45	08/15/21 11:45	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70.0-130		1	08/15/21 11:45	08/15/21 11:45	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 15:40	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 15:40	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:40	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:40	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:40	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:40	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:40	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:40	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 15:40	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:40	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:40	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:40	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:40	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:40	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:40	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 15:40	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:40	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:40	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:40	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:40	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:40	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-77		Lab ID: 92553189012		Collected: 08/03/21 14:25		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:40	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:40	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:40	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:40	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:40	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:40	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 15:40	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 15:40	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:40	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 15:40	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:40	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:40	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:40	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:40	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:40	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:40	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:40	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:40	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 15:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:40	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:40	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:40	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 15:40	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 15:40	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 15:40	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 15:40	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-77		Lab ID: 92553189012		Collected: 08/03/21 14:25		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/04/21 15:40	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: EB-2-20210803 Lab ID: 92553189013 Collected: 08/03/21 14:55 Received: 08/03/21 16:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 06:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 06:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 06:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 06:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		08/05/21 06:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/05/21 06:16	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 02:56	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 05:58	08/15/21 05:58	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/15/21 05:58	08/15/21 05:58	2037-26-5	
4-Bromofluorobenzene (S)	92.5	%	77.0-126		1	08/15/21 05:58	08/15/21 05:58	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/15/21 05:58	08/15/21 05:58	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 12:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 12:41	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 12:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 12:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 12:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 12:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 12:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 12:41	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 12:41	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 12:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 12:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 12:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 12:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 12:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 12:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 12:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 12:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 12:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 12:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 12:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 12:41	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: EB-2-20210803 Lab ID: 92553189013 Collected: 08/03/21 14:55 Received: 08/03/21 16:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 12:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 12:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 12:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 12:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 12:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 12:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 12:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 12:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 12:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 12:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 12:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 12:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 12:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 12:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 12:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 12:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 12:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 12:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 12:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 12:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 12:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 12:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 12:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 12:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 12:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 12:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 12:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 12:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 12:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 12:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 12:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/05/21 12:41	17060-07-0	
4-Bromofluorobenzene (S)	94	%	70-130		1		08/05/21 12:41	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: EB-2-20210803		Lab ID: 92553189013		Collected: 08/03/21 14:55		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/05/21 12:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: DUP-1-20210803		Lab ID: 92553189014		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 06:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 06:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 06:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 06:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/05/21 06:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/05/21 06:45	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:00	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 12:07	08/15/21 12:07	71-36-3	
Surrogates									
Toluene-d8 (S)	103	%	80.0-120		1	08/15/21 12:07	08/15/21 12:07	2037-26-5	
4-Bromofluorobenzene (S)	94.3	%	77.0-126		1	08/15/21 12:07	08/15/21 12:07	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70.0-130		1	08/15/21 12:07	08/15/21 12:07	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 17:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 17:27	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 17:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 17:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 17:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 17:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 17:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 17:27	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 17:27	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 17:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 17:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 17:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 17:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 17:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 17:27	75-00-3	
Chloroform	0.43J	ug/L	0.50	0.35	1		08/04/21 17:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 17:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 17:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 17:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 17:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 17:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 17:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 17:27	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: DUP-1-20210803		Lab ID: 92553189014		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 17:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 17:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 17:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 17:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 17:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 17:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 17:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 17:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 17:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 17:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 17:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 17:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 17:27	10061-02-6	
Diisopropyl ether	1.4	ug/L	0.50	0.31	1		08/04/21 17:27	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 17:27	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 17:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 17:27	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 17:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 17:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 17:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 17:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 17:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 17:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 17:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 17:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 17:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 17:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 17:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 17:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 17:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 17:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 17:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 17:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 17:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 17:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 17:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 17:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 17:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 17:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 17:27	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		08/04/21 17:27	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: DUP-1-20210803		Lab ID: 92553189014		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/04/21 17:27	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-78		Lab ID: 92553189015		Collected: 08/03/21 15:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 07:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 07:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 07:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 07:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/05/21 07:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 07:13	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	4.8J	ug/L	5.0	4.5	1	08/05/21 15:05	08/06/21 03:03	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 12:28	08/15/21 12:28	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/15/21 12:28	08/15/21 12:28	2037-26-5	
4-Bromofluorobenzene (S)	93.1	%	77.0-126		1	08/15/21 12:28	08/15/21 12:28	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70.0-130		1	08/15/21 12:28	08/15/21 12:28	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 16:34	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 16:34	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 16:34	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 16:34	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 16:34	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 16:34	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 16:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 16:34	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 16:34	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 16:34	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 16:34	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 16:34	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 16:34	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 16:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 16:34	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 16:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 16:34	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:34	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 16:34	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 16:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 16:34	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 16:34	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-78		Lab ID: 92553189015		Collected: 08/03/21 15:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 16:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 16:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 16:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 16:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 16:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 16:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 16:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 16:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:34	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 16:34	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 16:34	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 16:34	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 16:34	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 16:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 16:34	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 16:34	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 16:34	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 16:34	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:34	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 16:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 16:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 16:34	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 16:34	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 16:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 16:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 16:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 16:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:34	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 16:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 16:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 16:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:34	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 16:34	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 16:34	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 16:34	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/04/21 16:34	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 16:34	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: MW-78		Lab ID: 92553189015		Collected: 08/03/21 15:50		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/04/21 16:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: FB-2-20210803 Lab ID: 92553189016 Collected: 08/03/21 14:40 Received: 08/03/21 16:50 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 07:42		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 07:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 07:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 07:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/05/21 07:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/05/21 07:42	460-00-4	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 06:20	08/15/21 06:20	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/15/21 06:20	08/15/21 06:20	2037-26-5	
4-Bromofluorobenzene (S)	92.9	%	77.0-126		1	08/15/21 06:20	08/15/21 06:20	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/15/21 06:20	08/15/21 06:20	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 13:37	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 13:37	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 13:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 13:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 13:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 13:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 13:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 13:37	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 13:37	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 13:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 13:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 13:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 13:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 13:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 13:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 13:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 13:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 13:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 13:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 13:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 13:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 13:37	75-71-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: FB-2-20210803		Lab ID: 92553189016		Collected: 08/03/21 14:40		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 13:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 13:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 13:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 13:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 13:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 13:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 13:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 13:37	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 13:37	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 13:37	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 13:37	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 13:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 13:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 13:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 13:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 13:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 13:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 13:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 13:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 13:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 13:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 13:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 13:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 13:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 13:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 13:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 13:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 13:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 13:37	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 13:37	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/04/21 13:37	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: TRIP BLANK		Lab ID: 92553189017		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/04/21 13:01	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/04/21 13:01	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 13:01	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 13:01	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 13:01	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 13:01	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 13:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 13:01	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/04/21 13:01	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 13:01	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 13:01	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 13:01	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 13:01	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 13:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 13:01	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 13:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 13:01	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:01	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 13:01	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 13:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 13:01	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 13:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 13:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 13:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 13:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 13:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 13:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 13:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 13:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 13:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 13:01	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/04/21 13:01	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 13:01	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/04/21 13:01	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 13:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 13:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 13:01	75-09-2	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Sample: TRIP BLANK		Lab ID: 92553189017		Collected: 08/03/21 00:00		Received: 08/03/21 16:50		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 13:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 13:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:01	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 13:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 13:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 13:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 13:01	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 13:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 13:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 13:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 13:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 13:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 13:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 13:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 13:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 13:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 13:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 13:01	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 13:01	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/04/21 13:01	2037-26-5	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch: 638056

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553189001

METHOD BLANK: 3349728

Matrix: Water

Associated Lab Samples: 92553189001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 15:33	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 15:33	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/04/21 15:33	
4-Bromofluorobenzene (PID) (S)	%	108	70-130		08/04/21 15:33	

LABORATORY CONTROL SAMPLE & LCSD: 3349729

3349730

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	363	358	121	119	70-130	1	25	N2
Aromatic (C09-C10)	ug/L	100	108	108	108	108	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				101	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				102	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch:	638122	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189008, 92553189009, 92553189010, 92553189011, 92553189012, 92553189013, 92553189014, 92553189015, 92553189016		

METHOD BLANK: 3350296

Matrix: Water

Associated Lab Samples: 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189008, 92553189009, 92553189010, 92553189011, 92553189012, 92553189013, 92553189014, 92553189015, 92553189016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		08/04/21 16:02	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		08/04/21 16:02	

LABORATORY CONTROL SAMPLE & LCSD: 3350297

3350298

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	386	358	129	119	70-130	8	25	N2
Aromatic (C09-C10)	ug/L	100	115	113	115	113	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	103	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch:	638369	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92553189007

METHOD BLANK: 3351429 Matrix: Water

Associated Lab Samples: 92553189007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/05/21 15:49	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/05/21 15:49	

LABORATORY CONTROL SAMPLE & LCSD: 3351430

		3351431								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	373	358	124	119	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	117	106	117	106	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	104	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch:	638299	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92553189001, 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189007, 92553189008, 92553189009		

METHOD BLANK:	3350934	Matrix:	Water
Associated Lab Samples:	92553189001, 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189007, 92553189008, 92553189009		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 03:06	

LABORATORY CONTROL SAMPLE: 3350935						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	524	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					3350936	3350937							
Parameter	Units	92553185001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
Lead	ug/L	ND	500	500	490	488	98	98	75-125	1	20		

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch: 638300

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553189010, 92553189011, 92553189012, 92553189013, 92553189014, 92553189015

METHOD BLANK: 3350940

Matrix: Water

Associated Lab Samples: 92553189010, 92553189011, 92553189012, 92553189013, 92553189014, 92553189015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 02:18	

LABORATORY CONTROL SAMPLE: 3350941

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	529	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350942 3350943

Parameter	Units	92553189010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	492	488	98	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch:	1723363	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	92553189001, 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189007, 92553189008, 92553189009, 92553189010, 92553189011, 92553189012, 92553189013, 92553189014, 92553189015, 92553189016		

METHOD BLANK: R3692722-4 Matrix: Water

Associated Lab Samples: 92553189001, 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189007, 92553189008, 92553189009, 92553189010, 92553189011, 92553189012, 92553189013, 92553189014, 92553189015, 92553189016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/15/21 05:37	
Toluene-d8 (S)	%	104	80.0-120		08/15/21 05:37	
4-Bromofluorobenzene (S)	%	92.3	77.0-126		08/15/21 05:37	
1,2-Dichloroethane-d4 (S)	%	112	70.0-130		08/15/21 05:37	

LABORATORY CONTROL SAMPLE: R3692722-3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.99	99.5	70.0-130	
Toluene-d8 (S)	%			104	80.0-120	
4-Bromofluorobenzene (S)	%			93.1	77.0-126	
1,2-Dichloroethane-d4 (S)	%			111	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch: 637909

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189007

METHOD BLANK: 3348837

Matrix: Water

Associated Lab Samples: 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 11:29	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 11:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 11:29	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 11:29	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 11:29	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 11:29	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 11:29	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 11:29	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 11:29	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 11:29	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 11:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 11:29	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 11:29	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 11:29	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 11:29	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 11:29	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 11:29	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 11:29	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 11:29	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 11:29	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 11:29	
Benzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 11:29	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 11:29	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 11:29	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 11:29	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 11:29	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 11:29	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 11:29	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 11:29	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 11:29	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 11:29	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 11:29	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 11:29	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 11:29	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 11:29	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 11:29	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 11:29	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

METHOD BLANK: 3348837

Matrix: Water

Associated Lab Samples: 92553189002, 92553189003, 92553189004, 92553189005, 92553189006, 92553189007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/04/21 11:29	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/04/21 11:29	
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 11:29	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 11:29	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 11:29	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 11:29	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 11:29	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 11:29	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 11:29	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 11:29	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 11:29	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 11:29	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 11:29	
Styrene	ug/L	ND	0.50	0.29	08/04/21 11:29	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/04/21 11:29	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/04/21 11:29	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/04/21 11:29	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 11:29	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 11:29	
Toluene	ug/L	ND	0.50	0.48	08/04/21 11:29	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 11:29	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 11:29	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 11:29	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 11:29	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 11:29	
1,2-Dichloroethane-d4 (S)	%	93	70-130		08/04/21 11:29	
4-Bromofluorobenzene (S)	%	97	70-130		08/04/21 11:29	
Toluene-d8 (S)	%	100	70-130		08/04/21 11:29	

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.5	95	60-140	
1,1,1-Trichloroethane	ug/L	50	44.3	89	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	45.5	91	60-140	
1,1-Dichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethene	ug/L	50	45.9	92	60-140	
1,1-Dichloropropene	ug/L	50	46.6	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.6	95	60-140	
1,2,3-Trichloropropane	ug/L	50	44.5	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.4	97	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.6	95	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.8	90	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	46.4	93	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	43.2	86	60-140	
1,2-Dichloropropane	ug/L	50	45.4	91	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	
1,3-Dichlorobenzene	ug/L	50	48.1	96	60-140	
1,3-Dichloropropane	ug/L	50	47.1	94	60-140	
1,4-Dichlorobenzene	ug/L	50	49.0	98	60-140	
2,2-Dichloropropane	ug/L	50	45.1	90	60-140	
2-Chlorotoluene	ug/L	50	47.3	95	60-140	
4-Chlorotoluene	ug/L	50	45.6	91	60-140	
Benzene	ug/L	50	46.0	92	60-140	
Bromobenzene	ug/L	50	48.9	98	60-140	
Bromochloromethane	ug/L	50	48.7	97	60-140	
Bromodichloromethane	ug/L	50	45.5	91	60-140	
Bromoform	ug/L	50	46.3	93	60-140	
Bromomethane	ug/L	50	46.1	92	60-140	
Carbon tetrachloride	ug/L	50	46.0	92	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	50.4	101	60-140	
Chloroform	ug/L	50	44.4	89	60-140	
Chloromethane	ug/L	50	46.9	94	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.4	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Dibromochloromethane	ug/L	50	47.6	95	60-140	
Dibromomethane	ug/L	50	47.4	95	60-140	
Dichlorodifluoromethane	ug/L	50	50.0	100	60-140	
Diisopropyl ether	ug/L	50	42.9	86	60-140	
Ethanol	ug/L	2000	1900	95	60-140	
Ethyl-tert-butyl ether	ug/L	100	90.7	91	60-140	
Ethylbenzene	ug/L	50	47.9	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	47.8	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	60-140	
m&p-Xylene	ug/L	100	94.8	95	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	43.9	88	60-140	
n-Butylbenzene	ug/L	50	48.7	97	60-140	
n-Propylbenzene	ug/L	50	47.6	95	60-140	
Naphthalene	ug/L	50	45.5	91	60-140	
o-Xylene	ug/L	50	48.0	96	60-140	
sec-Butylbenzene	ug/L	50	47.3	95	60-140	
Styrene	ug/L	50	48.1	96	60-140	
tert-Amyl Alcohol	ug/L	1000	881	88	60-140	
tert-Amylmethyl ether	ug/L	100	91.8	92	60-140	
tert-Butyl Alcohol	ug/L	500	453	91	60-140	
tert-Butylbenzene	ug/L	50	40.1	80	60-140	
Tetrachloroethene	ug/L	50	47.9	96	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3348838

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	45.6	91	60-140	
trans-1,2-Dichloroethene	ug/L	50	46.2	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	45.7	91	60-140	
Trichloroethene	ug/L	50	47.4	95	60-140	
Trichlorofluoromethane	ug/L	50	45.2	90	60-140	
Vinyl chloride	ug/L	50	49.1	98	60-140	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348839 3348840

Parameter	Units	92553189007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	801	825	100	103	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	800	800	777	815	97	102	60-140	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	754	761	94	95	60-140	1	30	
1,1,2-Trichloroethane	ug/L	ND	800	800	753	773	94	97	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	800	800	808	834	101	104	60-140	3	30	
1,1-Dichloroethene	ug/L	ND	800	800	823	833	103	104	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	800	800	803	820	100	103	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	800	800	731	766	91	96	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	800	800	735	713	92	89	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	800	800	733	783	92	98	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	283	800	800	1060	1090	97	101	60-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	656	722	82	90	60-140	10	30	
1,2-Dibromoethane (EDB)	ug/L	ND	800	800	761	751	95	94	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	800	800	746	794	93	99	60-140	6	30	
1,2-Dichloroethane	ug/L	ND	800	800	744	753	93	94	60-140	1	30	
1,2-Dichloropropane	ug/L	ND	800	800	797	800	100	100	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	ND	800	800	859	883	107	110	60-140	3	30	
1,3-Dichlorobenzene	ug/L	ND	800	800	756	781	94	98	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	800	800	792	802	99	100	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	800	800	756	794	94	99	60-140	5	30	
2,2-Dichloropropane	ug/L	ND	800	800	711	712	89	89	60-140	0	30	
2-Chlorotoluene	ug/L	ND	800	800	794	795	99	99	60-140	0	30	
4-Chlorotoluene	ug/L	ND	800	800	710	761	89	95	60-140	7	30	
Benzene	ug/L	4090	800	800	4840	4850	94	95	60-140	0	30	
Bromobenzene	ug/L	ND	800	800	787	814	98	102	60-140	3	30	
Bromochloromethane	ug/L	ND	800	800	833	852	104	106	60-140	2	30	
Bromodichloromethane	ug/L	ND	800	800	753	771	94	96	60-140	2	30	
Bromoform	ug/L	ND	800	800	708	725	89	91	60-140	2	30	
Bromomethane	ug/L	ND	800	800	808	885	101	111	60-140	9	30	
Carbon tetrachloride	ug/L	ND	800	800	799	828	100	104	60-140	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3348839	3348840								
Parameter	Units	92553189007	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	800	800	825	828	103	104	60-140	0	30	
Chloroethane	ug/L	ND	800	800	1000	1000	125	126	60-140	0	30	
Chloroform	ug/L	ND	800	800	778	803	97	100	60-140	3	30	
Chloromethane	ug/L	ND	800	800	737	788	92	98	60-140	7	30	
cis-1,2-Dichloroethene	ug/L	ND	800	800	793	813	99	102	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	800	800	733	760	92	95	60-140	4	30	
Dibromochloromethane	ug/L	ND	800	800	774	770	97	96	60-140	0	30	
Dibromomethane	ug/L	ND	800	800	777	800	97	100	60-140	3	30	
Dichlorodifluoromethane	ug/L	ND	800	800	855	877	107	110	60-140	3	30	
Diisopropyl ether	ug/L	306	800	800	1040	1070	91	95	60-140	3	30	
Ethanol	ug/L	ND	32000	32000	29200	33600	91	105	60-140	14	30	
Ethyl-tert-butyl ether	ug/L	ND	1600	1600	1530	1570	96	98	60-140	3	30	
Ethylbenzene	ug/L	445	800	800	1260	1270	102	103	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	800	800	781	819	98	102	60-140	5	30	
Isopropylbenzene (Cumene)	ug/L	ND	800	800	857	863	107	108	60-140	1	30	
m&p-Xylene	ug/L	1980	1600	1600	3600	3570	101	99	60-140	1	30	
Methyl-tert-butyl ether	ug/L	60.8	800	800	786	807	91	93	60-140	3	30	
Methylene Chloride	ug/L	ND	800	800	778	793	97	99	60-140	2	30	
n-Butylbenzene	ug/L	ND	800	800	789	827	99	103	60-140	5	30	
n-Propylbenzene	ug/L	ND	800	800	802	827	100	103	60-140	3	30	
Naphthalene	ug/L	63.6J	800	800	724	764	83	88	60-140	5	30	
o-Xylene	ug/L	1060	800	800	1910	1860	106	100	60-140	3	30	
sec-Butylbenzene	ug/L	ND	800	800	797	829	100	104	60-140	4	30	
Styrene	ug/L	ND	800	800	771	787	96	98	60-140	2	30	
tert-Amyl Alcohol	ug/L	ND	16000	16000	14200	14500	88	91	60-140	3	30	
tert-Amylmethyl ether	ug/L	ND	1600	1600	1600	1630	100	102	60-140	2	30	
tert-Butyl Alcohol	ug/L	ND	8000	8000	7430	7630	93	95	60-140	3	30	
tert-Butylbenzene	ug/L	ND	800	800	676	695	85	87	60-140	3	30	
Tetrachloroethene	ug/L	ND	800	800	805	831	101	104	60-140	3	30	
Toluene	ug/L	5710	800	800	6460	6410	94	88	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	800	800	815	825	102	103	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	800	800	719	740	90	93	60-140	3	30	
Trichloroethene	ug/L	ND	800	800	823	853	103	107	60-140	4	30	
Trichlorofluoromethane	ug/L	ND	800	800	815	844	102	106	60-140	3	30	
Vinyl chloride	ug/L	ND	800	800	851	882	106	110	60-140	4	30	
1,2-Dichloroethane-d4 (S)	%						96	92	70-130			
4-Bromofluorobenzene (S)	%						99	95	70-130			
Toluene-d8 (S)	%						98	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch:	637982	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553189008, 92553189009, 92553189010, 92553189011, 92553189012, 92553189014, 92553189015, 92553189016, 92553189017		

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553189008, 92553189009, 92553189010, 92553189011, 92553189012, 92553189014, 92553189015, 92553189016, 92553189017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 12:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 12:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 12:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 12:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 12:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 12:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 12:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 12:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 12:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 12:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 12:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 12:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 12:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Benzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 12:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 12:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 12:26	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 12:26	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 12:26	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 12:26	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 12:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 12:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 12:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553189008, 92553189009, 92553189010, 92553189011, 92553189012, 92553189014, 92553189015, 92553189016, 92553189017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 12:26	
Ethanol	ug/L	ND	200	72.2	08/04/21 12:26	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/04/21 12:26	
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 12:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 12:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 12:26	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 12:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 12:26	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 12:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 12:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 12:26	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 12:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 12:26	
Styrene	ug/L	ND	0.50	0.29	08/04/21 12:26	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/04/21 12:26	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/04/21 12:26	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/04/21 12:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Toluene	ug/L	ND	0.50	0.48	08/04/21 12:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 12:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 12:26	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 12:26	
1,2-Dichloroethane-d4 (S)	%	102	70-130		08/04/21 12:26	
4-Bromofluorobenzene (S)	%	103	70-130		08/04/21 12:26	
Toluene-d8 (S)	%	102	70-130		08/04/21 12:26	

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	60-140	
1,1,1-Trichloroethane	ug/L	50	51.8	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	52.6	105	60-140	
1,1-Dichloropropene	ug/L	50	53.9	108	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	50.1	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	60-140	
1,2-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,2-Dichloroethane	ug/L	50	50.0	100	60-140	
1,2-Dichloropropane	ug/L	50	49.7	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	60-140	
1,3-Dichlorobenzene	ug/L	50	49.3	99	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	52.1	104	60-140	
2-Chlorotoluene	ug/L	50	50.7	101	60-140	
4-Chlorotoluene	ug/L	50	47.4	95	60-140	
Benzene	ug/L	50	51.2	102	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	48.9	98	60-140	
Bromodichloromethane	ug/L	50	48.8	98	60-140	
Bromoform	ug/L	50	46.2	92	60-140	
Bromomethane	ug/L	50	63.0	126	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	36.1	72	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	49.6	99	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	54.7	109	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethanol	ug/L	2000	2290	114	60-140	
Ethyl-tert-butyl ether	ug/L	100	105	105	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	51.9	104	60-140	
Methylene Chloride	ug/L	50	45.4	91	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	48.5	97	60-140	
sec-Butylbenzene	ug/L	50	50.0	100	60-140	
Styrene	ug/L	50	49.0	98	60-140	
tert-Amyl Alcohol	ug/L	1000	1120	112	60-140	
tert-Amylmethyl ether	ug/L	100	104	104	60-140	
tert-Butyl Alcohol	ug/L	500	501	100	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	42.0	84	60-140	
Tetrachloroethene	ug/L	50	50.6	101	60-140	
Toluene	ug/L	50	49.8	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	48.8	98	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189

Parameter	Units	92552893009		MS		MSD		MS		MSD		MS		MSD		% Rec		Limits		Max		Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Conc.	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec	RPD	RPD	RPD	RPD	RPD	RPD	
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	400	500	515	125	129	60-140	3	30										
1,1,1-Trichloroethane	ug/L	ND	400	400	400	567	598	142	150	60-140	5	30	M1									
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	400	462	491	115	123	60-140	6	30										
1,1,2-Trichloroethane	ug/L	ND	400	400	400	488	525	122	131	60-140	7	30										
1,1-Dichloroethane	ug/L	ND	400	400	400	558	590	140	147	60-140	6	30	M1									
1,1-Dichloroethene	ug/L	ND	400	400	400	593	606	148	152	60-140	2	30	M1									
1,1-Dichloropropene	ug/L	ND	400	400	400	590	601	148	150	60-140	2	30	M1									
1,2,3-Trichlorobenzene	ug/L	ND	400	400	400	467	525	117	131	60-140	12	30										
1,2,3-Trichloropropane	ug/L	ND	400	400	400	454	491	114	123	60-140	8	30										
1,2,4-Trichlorobenzene	ug/L	ND	400	400	400	466	528	116	132	60-140	12	30										
1,2,4-Trimethylbenzene	ug/L	88.0	400	400	400	589	614	125	131	60-140	4	30										
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	400	450	499	113	125	60-140	10	30										
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	400	485	514	121	128	60-140	6	30										
1,2-Dichlorobenzene	ug/L	ND	400	400	400	476	495	119	124	60-140	4	30										
1,2-Dichloroethane	ug/L	ND	400	400	400	517	541	129	135	60-140	4	30										
1,2-Dichloropropane	ug/L	ND	400	400	400	514	554	129	139	60-140	7	30										
1,3,5-Trimethylbenzene	ug/L	ND	400	400	400	525	553	131	138	60-140	5	30										
1,3-Dichlorobenzene	ug/L	ND	400	400	400	481	501	120	125	60-140	4	30										
1,3-Dichloropropane	ug/L	ND	400	400	400	496	523	124	131	60-140	5	30										
1,4-Dichlorobenzene	ug/L	ND	400	400	400	492	494	123	124	60-140	0	30										
2,2-Dichloropropane	ug/L	ND	400	400	400	526	543	131	136	60-140	3	30										
2-Chlorotoluene	ug/L	ND	400	400	400	498	518	125	129	60-140	4	30										
4-Chlorotoluene	ug/L	ND	400	400	400	466	490	116	122	60-140	5	30										
Benzene	ug/L	2340	400	400	400	2850	2960	128	154	60-140	4	30	M1									
Bromobenzene	ug/L	ND	400	400	400	479	500	120	125	60-140	4	30										
Bromochloromethane	ug/L	ND	400	400	400	532	561	133	140	60-140	5	30										
Bromodichloromethane	ug/L	ND	400	400	400	496	530	124	133	60-140	7	30										
Bromoform	ug/L	ND	400	400	400	421	460	105	115	60-140	9	30										

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3349188	3349189								
		92552893009	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits		Max RPD	
Parameter	Units	Result								RPD		Qual
Bromomethane	ug/L	ND	400	400	690	814	171	202	60-140	16	30	M1
Carbon tetrachloride	ug/L	ND	400	400	590	620	147	155	60-140	5	30	M1
Chlorobenzene	ug/L	ND	400	400	500	519	125	130	60-140	4	30	
Chloroethane	ug/L	ND	400	400	507	490	127	123	60-140	3	30	
Chloroform	ug/L	ND	400	400	509	533	126	132	60-140	5	30	
Chloromethane	ug/L	ND	400	400	504	524	126	131	60-140	4	30	
cis-1,2-Dichloroethene	ug/L	ND	400	400	541	567	135	142	60-140	5	30	M1
cis-1,3-Dichloropropene	ug/L	ND	400	400	494	528	124	132	60-140	7	30	
Dibromochloromethane	ug/L	ND	400	400	486	515	122	129	60-140	6	30	
Dibromomethane	ug/L	ND	400	400	495	531	124	133	60-140	7	30	
Dichlorodifluoromethane	ug/L	ND	400	400	585	603	146	151	60-140	3	30	M1
Diisopropyl ether	ug/L	ND	400	400	500	529	125	132	60-140	6	30	
Ethanol	ug/L	ND	16000	16000	21900	24300	137	152	60-140	11	30	M1
Ethyl-tert-butyl ether	ug/L	ND	800	800	1060	1110	133	138	60-140	4	30	
Ethylbenzene	ug/L	58.3	400	400	579	587	130	132	60-140	1	30	
Hexachloro-1,3-butadiene	ug/L	ND	400	400	504	563	126	141	60-140	11	30	M1
Isopropylbenzene (Cumene)	ug/L	37.6	400	400	564	567	132	132	60-140	1	30	
m&p-Xylene	ug/L	284	800	800	1320	1330	130	131	60-140	1	30	
Methyl-tert-butyl ether	ug/L	111	400	400	647	674	134	141	60-140	4	30	M1
Methylene Chloride	ug/L	ND	400	400	500	515	125	129	60-140	3	30	
n-Butylbenzene	ug/L	ND	400	400	480	531	120	133	60-140	10	30	
n-Propylbenzene	ug/L	ND	400	400	528	555	132	139	60-140	5	30	
Naphthalene	ug/L	80.4	400	400	526	582	111	125	60-140	10	30	
o-Xylene	ug/L	957	400	400	1460	1470	127	127	60-140	0	30	
sec-Butylbenzene	ug/L	ND	400	400	492	537	123	134	60-140	9	30	
Styrene	ug/L	ND	400	400	505	509	126	127	60-140	1	30	
tert-Amyl Alcohol	ug/L	13400	8000	8000	25700	28500	154	189	60-140	10	30	M1
tert-Amylmethyl ether	ug/L	ND	800	800	1010	1090	127	137	60-140	7	30	
tert-Butyl Alcohol	ug/L	1310	4000	4000	6830	7680	138	159	60-140	12	30	M1
tert-Butylbenzene	ug/L	ND	400	400	414	446	103	111	60-140	7	30	
Tetrachloroethene	ug/L	ND	400	400	523	527	131	132	60-140	1	30	
Toluene	ug/L	513	400	400	1010	1060	125	138	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	400	400	570	591	142	148	60-140	4	30	M1
trans-1,3-Dichloropropene	ug/L	ND	400	400	467	491	117	123	60-140	5	30	
Trichloroethene	ug/L	ND	400	400	546	578	137	145	60-140	6	30	M1
Trichlorofluoromethane	ug/L	ND	400	400	564	572	141	143	60-140	1	30	M1
Vinyl chloride	ug/L	ND	400	400	556	578	139	144	60-140	4	30	M1
1,2-Dichloroethane-d4 (S)	%						100	100	70-130			
4-Bromofluorobenzene (S)	%						102	99	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch: 638271

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553189013

METHOD BLANK: 3350768

Matrix: Water

Associated Lab Samples: 92553189013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/05/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/05/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/05/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/05/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/05/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/05/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/05/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/05/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/05/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/05/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/05/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/05/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/05/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/05/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/05/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/05/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/05/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/05/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/05/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 11:30	
Benzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
Bromobenzene	ug/L	ND	0.50	0.29	08/05/21 11:30	
Bromochloromethane	ug/L	ND	0.50	0.47	08/05/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/05/21 11:30	
Bromoform	ug/L	ND	0.50	0.34	08/05/21 11:30	
Bromomethane	ug/L	ND	5.0	1.7	08/05/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/05/21 11:30	
Chlorobenzene	ug/L	ND	0.50	0.28	08/05/21 11:30	
Chloroethane	ug/L	ND	1.0	0.65	08/05/21 11:30	
Chloroform	ug/L	ND	0.50	0.35	08/05/21 11:30	
Chloromethane	ug/L	ND	1.0	0.54	08/05/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/05/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/05/21 11:30	
Dibromomethane	ug/L	ND	0.50	0.39	08/05/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/05/21 11:30	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/05/21 11:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

METHOD BLANK: 3350768

Matrix: Water

Associated Lab Samples: 92553189013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/05/21 11:30	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/05/21 11:30	
Ethylbenzene	ug/L	ND	0.50	0.30	08/05/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/05/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/05/21 11:30	
m&p-Xylene	ug/L	ND	1.0	0.71	08/05/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/05/21 11:30	
Methylene Chloride	ug/L	ND	2.0	2.0	08/05/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/05/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
Naphthalene	ug/L	ND	2.0	0.64	08/05/21 11:30	
o-Xylene	ug/L	ND	0.50	0.34	08/05/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/05/21 11:30	
Styrene	ug/L	ND	0.50	0.29	08/05/21 11:30	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/05/21 11:30	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/05/21 11:30	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/05/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/05/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/05/21 11:30	
Toluene	ug/L	ND	0.50	0.48	08/05/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/05/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 11:30	
Trichloroethene	ug/L	ND	0.50	0.38	08/05/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/05/21 11:30	
Vinyl chloride	ug/L	ND	1.0	0.39	08/05/21 11:30	
1,2-Dichloroethane-d4 (S)	%	91	70-130		08/05/21 11:30	
4-Bromofluorobenzene (S)	%	98	70-130		08/05/21 11:30	
Toluene-d8 (S)	%	99	70-130		08/05/21 11:30	

LABORATORY CONTROL SAMPLE: 3350769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.3	95	60-140	
1,1,1-Trichloroethane	ug/L	50	44.1	88	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	60-140	
1,1,2-Trichloroethane	ug/L	50	45.4	91	60-140	
1,1-Dichloroethane	ug/L	50	46.2	92	60-140	
1,1-Dichloroethene	ug/L	50	45.6	91	60-140	
1,1-Dichloropropene	ug/L	50	46.4	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	43.7	87	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.7	97	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.4	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.5	91	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3350769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	46.1	92	60-140	
1,2-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,2-Dichloroethane	ug/L	50	43.0	86	60-140	
1,2-Dichloropropane	ug/L	50	47.0	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.5	97	60-140	
1,3-Dichlorobenzene	ug/L	50	49.5	99	60-140	
1,3-Dichloropropane	ug/L	50	46.6	93	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	45.5	91	60-140	
2-Chlorotoluene	ug/L	50	48.7	97	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.7	93	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	46.1	92	60-140	
Bromoform	ug/L	50	45.1	90	60-140	
Bromomethane	ug/L	50	43.6	87	60-140	
Carbon tetrachloride	ug/L	50	46.5	93	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	49.4	99	60-140	
Chloroform	ug/L	50	44.3	89	60-140	
Chloromethane	ug/L	50	42.1	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.6	93	60-140	
Dibromochloromethane	ug/L	50	47.1	94	60-140	
Dibromomethane	ug/L	50	47.7	95	60-140	
Dichlorodifluoromethane	ug/L	50	47.7	95	60-140	
Diisopropyl ether	ug/L	50	43.3	87	60-140	
Ethanol	ug/L	2000	1890	95	60-140	
Ethyl-tert-butyl ether	ug/L	100	91.5	91	60-140	
Ethylbenzene	ug/L	50	47.5	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.2	98	60-140	
m&p-Xylene	ug/L	100	93.8	94	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	43.7	87	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.1	96	60-140	
Naphthalene	ug/L	50	46.4	93	60-140	
o-Xylene	ug/L	50	47.8	96	60-140	
sec-Butylbenzene	ug/L	50	48.5	97	60-140	
Styrene	ug/L	50	48.1	96	60-140	
tert-Amyl Alcohol	ug/L	1000	871	87	60-140	
tert-Amylmethyl ether	ug/L	100	93.9	94	60-140	
tert-Butyl Alcohol	ug/L	500	428	86	60-140	
tert-Butylbenzene	ug/L	50	41.1	82	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3350769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	46.8	94	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.9	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	46.3	93	60-140	
Trichloroethene	ug/L	50	48.7	97	60-140	
Trichlorofluoromethane	ug/L	50	44.1	88	60-140	
Vinyl chloride	ug/L	50	47.7	95	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350770 3350771

Parameter	Units	92553467002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	4000	4000	3830	4010	96	100	60-140	5	30	
1,1,1-Trichloroethane	ug/L	ND	4000	4000	3830	3760	96	94	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	4000	3810	3920	95	98	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	4000	4000	3860	3790	96	95	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	4000	4000	3910	3890	98	97	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	4000	4000	3940	3830	98	96	60-140	3	30	
1,1-Dichloropropene	ug/L	ND	4000	4000	3930	3870	98	97	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	4000	4000	3900	4100	97	102	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	4000	4000	3720	3760	93	94	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	4000	4000	3960	4240	99	106	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	2640	4000	4000	6710	6840	102	105	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	4000	4000	3640	3790	91	95	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	4000	4000	3830	3880	96	97	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	4000	4000	4000	4080	100	102	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	4000	4000	3660	3560	92	89	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	4000	4000	3860	3850	96	96	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	721	4000	4000	4820	4840	103	103	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	4000	4000	4000	4130	100	103	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	4000	4000	3860	3950	96	99	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	4000	4000	4100	4190	102	105	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	4000	4000	3550	3500	89	88	60-140	1	30	
2-Chlorotoluene	ug/L	ND	4000	4000	4120	4080	103	102	60-140	1	30	
4-Chlorotoluene	ug/L	ND	4000	4000	3830	3910	96	98	60-140	2	30	
Benzene	ug/L	4190	4000	4000	8150	8140	99	99	60-140	0	30	
Bromobenzene	ug/L	ND	4000	4000	4130	4210	103	105	60-140	2	30	
Bromochloromethane	ug/L	ND	4000	4000	4060	4070	102	102	60-140	0	30	
Bromodichloromethane	ug/L	ND	4000	4000	3740	3680	93	92	60-140	2	30	
Bromoform	ug/L	ND	4000	4000	3570	3730	89	93	60-140	4	30	
Bromomethane	ug/L	ND	4000	4000	3160	3670	79	92	60-140	15	30	
Carbon tetrachloride	ug/L	ND	4000	4000	3940	3980	99	100	60-140	1	30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350770 3350771											
Parameter	Units	92553467002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/L	ND	4000	4000	4120	4220	103	105	60-140	2	30
Chloroethane	ug/L	ND	4000	4000	4250	4440	106	111	60-140	4	30
Chloroform	ug/L	ND	4000	4000	3710	3790	92	94	60-140	2	30
Chloromethane	ug/L	ND	4000	4000	3100	3390	77	85	60-140	9	30
cis-1,2-Dichloroethene	ug/L	ND	4000	4000	3880	3870	97	97	60-140	0	30
cis-1,3-Dichloropropene	ug/L	ND	4000	4000	3700	3680	93	92	60-140	1	30
Dibromochloromethane	ug/L	ND	4000	4000	3790	3870	95	97	60-140	2	30
Dibromomethane	ug/L	ND	4000	4000	4050	3920	101	98	60-140	3	30
Dichlorodifluoromethane	ug/L	ND	4000	4000	3540	3490	89	87	60-140	1	30
Diisopropyl ether	ug/L	ND	4000	4000	3570	3550	89	89	60-140	0	30
Ethanol	ug/L	ND	160000	160000	175000	164000	109	103	60-140	6	30
Ethyl-tert-butyl ether	ug/L	ND	8000	8000	7600	7480	95	94	60-140	2	30
Ethylbenzene	ug/L	2120	4000	4000	6110	6310	100	105	60-140	3	30
Hexachloro-1,3-butadiene	ug/L	ND	4000	4000	4020	4220	100	105	60-140	5	30
Isopropylbenzene (Cumene)	ug/L	92.8J	4000	4000	4180	4460	102	109	60-140	7	30
m&p-Xylene	ug/L	8960	8000	8000	16700	17400	97	105	60-140	4	30
Methyl-tert-butyl ether	ug/L	ND	4000	4000	3740	3650	92	89	60-140	2	30
Methylene Chloride	ug/L	ND	4000	4000	3740	3680	94	92	60-140	2	30
n-Butylbenzene	ug/L	ND	4000	4000	4150	4280	104	107	60-140	3	30
n-Propylbenzene	ug/L	293	4000	4000	4360	4420	102	103	60-140	1	30
Naphthalene	ug/L	893	4000	4000	4650	4840	94	99	60-140	4	30
o-Xylene	ug/L	4510	4000	4000	8440	8680	98	104	60-140	3	30
sec-Butylbenzene	ug/L	ND	4000	4000	4140	4250	103	106	60-140	3	30
Styrene	ug/L	ND	4000	4000	3940	4150	97	103	60-140	5	30
tert-Amyl Alcohol	ug/L	ND	80000	80000	78900	74800	95	90	60-140	5	30
tert-Amylmethyl ether	ug/L	ND	8000	8000	7840	7540	98	94	60-140	4	30
tert-Butyl Alcohol	ug/L	ND	40000	40000	37300	35900	93	90	60-140	4	30
tert-Butylbenzene	ug/L	ND	4000	4000	3510	3540	88	89	60-140	1	30
Tetrachloroethene	ug/L	ND	4000	4000	4080	4230	102	106	60-140	3	30
Toluene	ug/L	22100	4000	4000	26000	26000	96	97	60-140	0	30
trans-1,2-Dichloroethene	ug/L	ND	4000	4000	3890	3890	97	97	60-140	0	30
trans-1,3-Dichloropropene	ug/L	ND	4000	4000	3600	3500	90	88	60-140	3	30
Trichloroethene	ug/L	ND	4000	4000	4130	4050	103	101	60-140	2	30
Trichlorofluoromethane	ug/L	ND	4000	4000	3880	3910	97	98	60-140	1	30
Vinyl chloride	ug/L	ND	4000	4000	3900	3900	98	98	60-140	0	30
1,2-Dichloroethane-d4 (S)	%						91	89	70-130		
4-Bromofluorobenzene (S)	%						95	98	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

QC Batch: 638321

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553189001

METHOD BLANK: 3351105

Matrix: Water

Associated Lab Samples: 92553189001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/05/21 23:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/05/21 23:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/05/21 23:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/05/21 23:30	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/05/21 23:30	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/05/21 23:30	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/05/21 23:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/05/21 23:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/05/21 23:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/05/21 23:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/05/21 23:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/05/21 23:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/05/21 23:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/05/21 23:30	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/05/21 23:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/05/21 23:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/05/21 23:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/05/21 23:30	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/05/21 23:30	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 23:30	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 23:30	
Benzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
Bromobenzene	ug/L	ND	0.50	0.29	08/05/21 23:30	
Bromochloromethane	ug/L	ND	0.50	0.47	08/05/21 23:30	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/05/21 23:30	
Bromoform	ug/L	ND	0.50	0.34	08/05/21 23:30	
Bromomethane	ug/L	ND	5.0	1.7	08/05/21 23:30	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/05/21 23:30	
Chlorobenzene	ug/L	ND	0.50	0.28	08/05/21 23:30	
Chloroethane	ug/L	ND	1.0	0.65	08/05/21 23:30	
Chloroform	ug/L	ND	0.50	0.35	08/05/21 23:30	
Chloromethane	ug/L	ND	1.0	0.54	08/05/21 23:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/05/21 23:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 23:30	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/05/21 23:30	
Dibromomethane	ug/L	ND	0.50	0.39	08/05/21 23:30	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/05/21 23:30	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/05/21 23:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

METHOD BLANK: 3351105

Matrix: Water

Associated Lab Samples: 92553189001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/05/21 23:30	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/05/21 23:30	
Ethylbenzene	ug/L	ND	0.50	0.30	08/05/21 23:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/05/21 23:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/05/21 23:30	
m&p-Xylene	ug/L	ND	1.0	0.71	08/05/21 23:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/05/21 23:30	
Methylene Chloride	ug/L	ND	2.0	2.0	08/05/21 23:30	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/05/21 23:30	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
Naphthalene	ug/L	ND	2.0	0.64	08/05/21 23:30	
o-Xylene	ug/L	ND	0.50	0.34	08/05/21 23:30	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/05/21 23:30	
Styrene	ug/L	ND	0.50	0.29	08/05/21 23:30	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/05/21 23:30	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/05/21 23:30	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/05/21 23:30	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/05/21 23:30	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/05/21 23:30	
Toluene	ug/L	ND	0.50	0.48	08/05/21 23:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/05/21 23:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 23:30	
Trichloroethene	ug/L	ND	0.50	0.38	08/05/21 23:30	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/05/21 23:30	
Vinyl chloride	ug/L	ND	1.0	0.39	08/05/21 23:30	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/05/21 23:30	
4-Bromofluorobenzene (S)	%	104	70-130		08/05/21 23:30	
Toluene-d8 (S)	%	101	70-130		08/05/21 23:30	

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.4	103	60-140	
1,1,1-Trichloroethane	ug/L	50	54.6	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	54.5	109	60-140	
1,1-Dichloroethene	ug/L	50	55.6	111	60-140	
1,1-Dichloropropene	ug/L	50	56.3	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.3	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.8	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.4	101	60-140	
1,2-Dichloroethane	ug/L	50	53.4	107	60-140	
1,2-Dichloropropane	ug/L	50	51.1	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.2	102	60-140	
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	51.1	102	60-140	
1,4-Dichlorobenzene	ug/L	50	51.4	103	60-140	
2,2-Dichloropropane	ug/L	50	54.8	110	60-140	
2-Chlorotoluene	ug/L	50	51.8	104	60-140	
4-Chlorotoluene	ug/L	50	48.3	97	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	49.1	98	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	46.9	94	60-140	
Bromomethane	ug/L	50	64.5	129	60-140	
Carbon tetrachloride	ug/L	50	55.9	112	60-140	
Chlorobenzene	ug/L	50	50.7	101	60-140	
Chloroethane	ug/L	50	38.3	77	60-140	
Chloroform	ug/L	50	49.7	99	60-140	
Chloromethane	ug/L	50	42.8	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.7	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	60-140	
Dibromochloromethane	ug/L	50	51.0	102	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	52.7	105	60-140	
Diisopropyl ether	ug/L	50	50.3	101	60-140	
Ethanol	ug/L	2000	2150	108	60-140	
Ethyl-tert-butyl ether	ug/L	100	109	109	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.0	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.3	105	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	55.3	111	60-140	
Methylene Chloride	ug/L	50	47.0	94	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	51.0	102	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	50.4	101	60-140	
Styrene	ug/L	50	50.9	102	60-140	
tert-Amyl Alcohol	ug/L	1000	1060	106	60-140	
tert-Amylmethyl ether	ug/L	100	106	106	60-140	
tert-Butyl Alcohol	ug/L	500	474	95	60-140	
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	50.7	101	60-140	
trans-1,2-Dichloroethene	ug/L	50	54.3	109	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Trichloroethene	ug/L	50	53.2	106	60-140	
Trichlorofluoromethane	ug/L	50	52.6	105	60-140	
Vinyl chloride	ug/L	50	51.8	104	60-140	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351107 3351108

Parameter	Units	92553563015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	250	218	125	109	60-140	14	30	
1,1,1-Trichloroethane	ug/L	ND	200	200	300	261	150	130	60-140	14	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	232	201	116	100	60-140	14	30	
1,1,2-Trichloroethane	ug/L	ND	200	200	255	218	128	109	60-140	16	30	
1,1-Dichloroethane	ug/L	ND	200	200	296	254	148	127	60-140	15	30	M1
1,1-Dichloroethene	ug/L	ND	200	200	304	264	152	132	60-140	14	30	M1
1,1-Dichloropropene	ug/L	ND	200	200	307	263	154	131	60-140	16	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	200	200	221	216	110	108	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	200	200	229	198	115	99	60-140	15	30	
1,2,4-Trichlorobenzene	ug/L	ND	200	200	221	213	110	107	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	51.8	200	200	300	274	124	111	60-140	9	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	223	188	111	94	60-140	17	30	
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	245	213	123	106	60-140	14	30	
1,2-Dichlorobenzene	ug/L	ND	200	200	235	204	117	102	60-140	14	30	
1,2-Dichloroethane	ug/L	ND	200	200	283	244	141	122	60-140	14	30	M1
1,2-Dichloropropane	ug/L	ND	200	200	268	235	134	117	60-140	13	30	
1,3,5-Trimethylbenzene	ug/L	13.8	200	200	261	235	123	111	60-140	10	30	
1,3-Dichlorobenzene	ug/L	ND	200	200	233	208	117	104	60-140	11	30	
1,3-Dichloropropane	ug/L	ND	200	200	253	217	126	108	60-140	15	30	
1,4-Dichlorobenzene	ug/L	ND	200	200	239	211	119	105	60-140	12	30	
2,2-Dichloropropane	ug/L	ND	200	200	243	209	122	104	60-140	15	30	
2-Chlorotoluene	ug/L	ND	200	200	250	220	125	110	60-140	13	30	
4-Chlorotoluene	ug/L	ND	200	200	231	207	115	104	60-140	11	30	
Benzene	ug/L	1920	200	200	2180	2210	129	146	60-140	2	30	E,M1
Bromobenzene	ug/L	ND	200	200	241	208	120	104	60-140	14	30	
Bromochloromethane	ug/L	ND	200	200	287	250	144	125	60-140	14	30	M1
Bromodichloromethane	ug/L	ND	200	200	259	227	129	113	60-140	13	30	
Bromoform	ug/L	ND	200	200	216	186	108	93	60-140	15	30	
Bromomethane	ug/L	ND	200	200	383	333	191	166	60-140	14	30	M1
Carbon tetrachloride	ug/L	ND	200	200	303	267	151	134	60-140	12	30	M1

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3351107		3351108								
Parameter	Units	92553563015	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Chlorobenzene	ug/L	ND	200	200	253	223	126	112	60-140	13	30		
Chloroethane	ug/L	ND	200	200	275	240	137	120	60-140	14	30		
Chloroform	ug/L	ND	200	200	271	235	134	116	60-140	14	30		
Chloromethane	ug/L	ND	200	200	220	204	110	102	60-140	8	30		
cis-1,2-Dichloroethene	ug/L	ND	200	200	288	248	144	124	60-140	15	30	M1	
cis-1,3-Dichloropropene	ug/L	ND	200	200	246	215	123	108	60-140	13	30		
Dibromochloromethane	ug/L	ND	200	200	245	209	122	105	60-140	16	30		
Dibromomethane	ug/L	ND	200	200	250	223	125	112	60-140	11	30		
Dichlorodifluoromethane	ug/L	ND	200	200	253	219	127	110	60-140	15	30		
Diisopropyl ether	ug/L	302	200	200	585	539	142	119	60-140	8	30	M1	
Ethanol	ug/L	ND	8000	8000	10700	9490	133	119	60-140	12	30		
Ethyl-tert-butyl ether	ug/L	ND	400	400	563	480	141	120	60-140	16	30	M1	
Ethylbenzene	ug/L	150	200	200	412	379	131	115	60-140	8	30		
Hexachloro-1,3-butadiene	ug/L	ND	200	200	246	229	123	115	60-140	7	30		
Isopropylbenzene (Cumene)	ug/L	3.9J	200	200	258	229	127	112	60-140	12	30		
m&p-Xylene	ug/L	557	400	400	1080	1020	130	115	60-140	6	30		
Methyl-tert-butyl ether	ug/L	134	200	200	428	387	147	127	60-140	10	30	M1	
Methylene Chloride	ug/L	ND	200	200	263	226	131	113	60-140	15	30		
n-Butylbenzene	ug/L	ND	200	200	235	218	118	109	60-140	7	30		
n-Propylbenzene	ug/L	7.0	200	200	250	225	121	109	60-140	11	30		
Naphthalene	ug/L	18.1J	200	200	233	217	107	100	60-140	7	30		
o-Xylene	ug/L	335	200	200	589	563	127	114	60-140	4	30		
sec-Butylbenzene	ug/L	ND	200	200	240	223	120	111	60-140	8	30		
Styrene	ug/L	ND	200	200	248	214	124	107	60-140	14	30		
tert-Amyl Alcohol	ug/L	ND	4000	4000	5300	4830	128	116	60-140	9	30		
tert-Amylmethyl ether	ug/L	50.4J	400	400	583	510	133	115	60-140	13	30		
tert-Butyl Alcohol	ug/L	ND	2000	2000	3150	2790	157	139	60-140	12	30	M1	
tert-Butylbenzene	ug/L	ND	200	200	204	186	102	93	60-140	9	30		
Tetrachloroethene	ug/L	ND	200	200	246	218	123	109	60-140	12	30		
Toluene	ug/L	494	200	200	754	738	130	122	60-140	2	30		
trans-1,2-Dichloroethene	ug/L	ND	200	200	296	258	148	129	60-140	14	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	200	200	230	202	115	101	60-140	13	30		
Trichloroethene	ug/L	ND	200	200	279	250	139	125	60-140	11	30		
Trichlorofluoromethane	ug/L	ND	200	200	295	258	148	129	60-140	14	30	M1	
Vinyl chloride	ug/L	ND	200	200	277	237	139	119	60-140	15	30		
1,2-Dichloroethane-d4 (S)	%						106	102	70-130				
4-Bromofluorobenzene (S)	%						102	102	70-130				
Toluene-d8 (S)	%						98	99	70-130				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553189001	MW-21	MADEP VPH	638056		
92553189002	MW-80	MADEP VPH	638122		
92553189003	MW-81	MADEP VPH	638122		
92553189004	MW-31	MADEP VPH	638122		
92553189005	MW-23	MADEP VPH	638122		
92553189006	MW-84	MADEP VPH	638122		
92553189007	MW-19	MADEP VPH	638369		
92553189008	MW-79	MADEP VPH	638122		
92553189009	MW-81D	MADEP VPH	638122		
92553189010	MW-82	MADEP VPH	638122		
92553189011	MW-31D	MADEP VPH	638122		
92553189012	MW-77	MADEP VPH	638122		
92553189013	EB-2-20210803	MADEP VPH	638122		
92553189014	DUP-1-20210803	MADEP VPH	638122		
92553189015	MW-78	MADEP VPH	638122		
92553189016	FB-2-20210803	MADEP VPH	638122		
92553189001	MW-21	EPA 3010A	638299	EPA 6010D	638433
92553189002	MW-80	EPA 3010A	638299	EPA 6010D	638433
92553189003	MW-81	EPA 3010A	638299	EPA 6010D	638433
92553189004	MW-31	EPA 3010A	638299	EPA 6010D	638433
92553189005	MW-23	EPA 3010A	638299	EPA 6010D	638433
92553189006	MW-84	EPA 3010A	638299	EPA 6010D	638433
92553189007	MW-19	EPA 3010A	638299	EPA 6010D	638433
92553189008	MW-79	EPA 3010A	638299	EPA 6010D	638433
92553189009	MW-81D	EPA 3010A	638299	EPA 6010D	638433
92553189010	MW-82	EPA 3010A	638300	EPA 6010D	638435
92553189011	MW-31D	EPA 3010A	638300	EPA 6010D	638435
92553189012	MW-77	EPA 3010A	638300	EPA 6010D	638435
92553189013	EB-2-20210803	EPA 3010A	638300	EPA 6010D	638435
92553189014	DUP-1-20210803	EPA 3010A	638300	EPA 6010D	638435
92553189015	MW-78	EPA 3010A	638300	EPA 6010D	638435
92553189001	MW-21	6200B-2011	1723363	SM 6200B	1723363
92553189002	MW-80	6200B-2011	1723363	SM 6200B	1723363
92553189003	MW-81	6200B-2011	1723363	SM 6200B	1723363
92553189004	MW-31	6200B-2011	1723363	SM 6200B	1723363
92553189005	MW-23	6200B-2011	1723363	SM 6200B	1723363
92553189006	MW-84	6200B-2011	1723363	SM 6200B	1723363
92553189007	MW-19	6200B-2011	1723363	SM 6200B	1723363
92553189008	MW-79	6200B-2011	1723363	SM 6200B	1723363
92553189009	MW-81D	6200B-2011	1723363	SM 6200B	1723363
92553189010	MW-82	6200B-2011	1723363	SM 6200B	1723363
92553189011	MW-31D	6200B-2011	1723363	SM 6200B	1723363
92553189012	MW-77	6200B-2011	1723363	SM 6200B	1723363
92553189013	EB-2-20210803	6200B-2011	1723363	SM 6200B	1723363
92553189014	DUP-1-20210803	6200B-2011	1723363	SM 6200B	1723363
92553189015	MW-78	6200B-2011	1723363	SM 6200B	1723363

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553189

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553189016	FB-2-20210803	6200B-2011	1723363	SM 6200B	1723363
92553189001	MW-21	SM 6200B	638321		
92553189002	MW-80	SM 6200B	637909		
92553189003	MW-81	SM 6200B	637909		
92553189004	MW-31	SM 6200B	637909		
92553189005	MW-23	SM 6200B	637909		
92553189006	MW-84	SM 6200B	637909		
92553189007	MW-19	SM 6200B	637909		
92553189008	MW-79	SM 6200B	637982		
92553189009	MW-81D	SM 6200B	637982		
92553189010	MW-82	SM 6200B	637982		
92553189011	MW-31D	SM 6200B	637982		
92553189012	MW-77	SM 6200B	637982		
92553189013	EB-2-20210803	SM 6200B	638271		
92553189014	DUP-1-20210803	SM 6200B	637982		
92553189015	MW-78	SM 6200B	637982		
92553189016	FB-2-20210803	SM 6200B	637982		
92553189017	TRIP BLANK	SM 6200B	637982		

REPORT OF LABORATORY ANALYSIS

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	Document Name:	Document Revised: October 28, 2020
	Sample Condition Upon Receipt(SCUR)	Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other: _____	Client Name: AELOM	Project #: WO# : 92553189  92553189
---	------------------------------	--

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No Date/Initials-Person-Examining-Contents: 8-4-21

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____ Biological Tissue Frozen? ☐ Yes ☒ No ☐ N/A

Thermometer: ☒ IR Gun ID: 92T064 Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 5.7 Correction Factor: Add/Subtract (°C) -0.1 Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.2

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☒ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☒ Yes ☐ No ☐ N/A	4.	
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☒ N/A	8.	
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>			
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.	
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.	
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A		

COMMENTS/SAMPLE DISCREPANCY _____ Field Data Required? ☐ Yes ☒ No

Lot ID of split containers: _____

CLIENT NOTIFICATION/RESOLUTION _____

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92553189

PM: BV

Due Date: 08/06/21

CLIENT: 92-AECOM CHA

	Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VQA HCl (N/A)	VG9T-40 mL VQA Na2SO3 (N/A)	VG9U-40 mL VQA Unp (N/A)	DG9P-40 mL VQA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																	7		3										
2																	7		3										
3																	7		3										
4																	7		3										
5																	7		3										
6																	7		3										
7																	7		3										
8																	7		3										
9																	7		3										
10																													
11																	7		3										
12																	7		3										

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92553189

PM: BV

Due Date: 08/06/21

CLIENT: 92-AECOM CHA

	Item#																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

6



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.

Section A
Required Client Information:
Company: AECOM
Address: 6000 Fairview Road
Suite 200, Charlotte, NC 28210
Email: andrew.wreschnig@aecom.com
Phone: (704) 716-0757
Requested Due Date: 3-25-21
Fax: TAT

Section B
Required Project Information:
Report To: Andy Wreschnig
Copy To:
Purchase Order #:
Project Name: CPC Huntersville-60639876
Project #:

Section C
Invoice Information:
Attention:
Company Name:
Address:
Pace Quote:
Pace Project Manager:
Pace Profile #:

Page : 2 of 2

Company: AECOM		Report To: Andy Wreschnig		Attention:		Company Name:		Regulatory Agency	
Address: 6000 Fairview Road		Copy To:		Address:		Pace Quote:		State / Location	
Suite 200, Charlotte, NC 28210				Pace Project Manager:		60639876		NC	
Email: andrew.wreschnig@aecom.com		Purchase Order #:		Pace Profile #:		bonnie.vang@pacelabs.com			
Phone: (704) 716-0757		Project Name: CPC Huntersville-60639876							
Requested Due Date: 3-25-21		Project #:							

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Y/N	Requested Analysis Filtered (Y/N)							Residual Chlorine (Y/N)	SAMPLE CONDITIONS
				START	END			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other										
1	MU-77	WT G		5/3/21	1425		17 X	X	X	X						X	X	X	X						Q12
2	EB-2-20210803	WT G		5/3/21	1455		14 X	X	X	X						X	X	X	X						Q13
3	FB-2-20210803	WT G		5/3/21	1440		10 X			X						X	X	X	X						Q16
4	Disp-1-20210803	WT G		5/3/21	-		12 X	X	X	X						X	X	X	X						Q14
5	MU-78	WT G		5/3/21	1556		11 X	X	X	X						X	X	X	X						Q15
6																									
7																									
8																									
9																									
10																									
11																									
12																									
ADDITIONAL COMMENTS				REINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME	SAMPLE CONDITIONS													
3-D-4 TAT				Mick de Koelewst		5/3/21	1650	Mick de Koelewst		5/3/21	1650	N / Y													

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: Mike de Koelewst					
SIGNATURE of SAMPLER: Mike de Koelewst		DATE Signed: 5/3/21			

August 19, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE-60639876
Pace Project No.: 92553519

Dear Andrew Wreschnig:

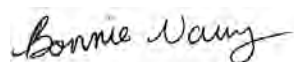
Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LA000356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Mold Certification #: LAB0152

Texas Certification #: T 104704245-17-14

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinney Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification #: LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553519001	MW-28	Water	08/04/21 10:05	08/04/21 16:49
92553519002	DUP-1-20210804	Water	08/04/21 00:00	08/04/21 16:49
92553519003	MW-16	Water	08/04/21 11:50	08/04/21 16:49
92553519004	MW-79D	Water	08/04/21 11:50	08/04/21 16:49
92553519005	MW-17	Water	08/04/21 13:25	08/04/21 16:49
92553519006	MW-16D	Water	08/04/21 14:25	08/04/21 16:49
92553519007	MW-83	Water	08/04/21 15:15	08/04/21 16:49
92553519008	EB-1-20210804	Water	08/04/21 15:00	08/04/21 16:49
92553519009	FB-1-20210804	Water	08/04/21 13:00	08/04/21 16:49
92553519010	TRIP BLANK	Water	08/04/21 00:00	08/04/21 16:49

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553519001	MW-28	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	CL	68	PASI-C
92553519002	DUP-1-20210804	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	CL	68	PASI-C
92553519003	MW-16	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ADM	4	PAN
		SM 6200B	CL	68	PASI-C
92553519004	MW-79D	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553519005	MW-17	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553519006	MW-16D	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553519007	MW-83	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553519008	EB-1-20210804	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553519009	FB-1-20210804	MADEP VPH	MAD	6	PASI-C
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553519010	TRIP BLANK	SM 6200B	CL	68	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
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PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-28		Lab ID: 92553519001		Collected: 08/04/21 10:05		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 19:08		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 19:08		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 19:08		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 19:08		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/05/21 19:08	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/05/21 19:08	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 16:56	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/14/21 21:41	08/14/21 21:41	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/14/21 21:41	08/14/21 21:41	2037-26-5	
4-Bromofluorobenzene (S)	92.0	%	77.0-126		1	08/14/21 21:41	08/14/21 21:41	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70.0-130		1	08/14/21 21:41	08/14/21 21:41	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 13:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 13:17	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 13:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 13:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 13:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 13:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 13:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 13:17	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 13:17	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 13:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 13:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 13:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 13:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 13:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 13:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 13:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 13:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 13:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 13:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 13:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 13:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 13:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 13:17	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-28		Lab ID: 92553519001		Collected: 08/04/21 10:05		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 13:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 13:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 13:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 13:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 13:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 13:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 13:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 13:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 13:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 13:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 13:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 13:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 13:17	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 13:17	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 13:17	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 13:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 13:17	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 13:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 13:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 13:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 13:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 13:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 13:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 13:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 13:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 13:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 13:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 13:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 13:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 13:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 13:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 13:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 13:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 13:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 13:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 13:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 13:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 13:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		08/05/21 13:17	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/05/21 13:17	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-28		Lab ID: 92553519001		Collected: 08/04/21 10:05		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/05/21 13:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: DUP-1-20210804 Lab ID: 92553519002 Collected: 08/04/21 00:00 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 19:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 19:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 19:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 19:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/05/21 19:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/05/21 19:36	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 17:22	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 06:42	08/15/21 06:42	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/15/21 06:42	08/15/21 06:42	2037-26-5	
4-Bromofluorobenzene (S)	93.8	%	77.0-126		1	08/15/21 06:42	08/15/21 06:42	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70.0-130		1	08/15/21 06:42	08/15/21 06:42	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 14:12	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 14:12	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 14:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 14:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 14:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 14:12	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 14:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 14:12	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 14:12	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 14:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 14:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 14:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 14:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 14:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 14:12	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 14:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 14:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 14:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 14:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 14:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 14:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 14:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 14:12	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: DUP-1-20210804		Lab ID: 92553519002		Collected: 08/04/21 00:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 14:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 14:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 14:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 14:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 14:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 14:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 14:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 14:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 14:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 14:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 14:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 14:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 14:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 14:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 14:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 14:12	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 14:12	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 14:12	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 14:12	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 14:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 14:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 14:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 14:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 14:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 14:12	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 14:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 14:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 14:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 14:12	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 14:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 14:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 14:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 14:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 14:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 14:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 14:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 14:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 14:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 14:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 14:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 14:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 14:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		08/05/21 14:12	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/05/21 14:12	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: DUP-1-20210804		Lab ID: 92553519002		Collected: 08/04/21 00:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/05/21 14:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-16		Lab ID: 92553519003		Collected: 08/04/21 11:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 20:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 20:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 20:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 20:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	89	%	70-130		1		08/05/21 20:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	92	%	70-130		1		08/05/21 20:07	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 17:25	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 07:03	08/15/21 07:03	71-36-3	
Surrogates									
Toluene-d8 (S)	104	%	80.0-120		1	08/15/21 07:03	08/15/21 07:03	2037-26-5	
4-Bromofluorobenzene (S)	93.6	%	77.0-126		1	08/15/21 07:03	08/15/21 07:03	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70.0-130		1	08/15/21 07:03	08/15/21 07:03	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 13:35	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 13:35	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 13:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 13:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 13:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 13:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 13:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 13:35	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 13:35	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 13:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 13:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 13:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 13:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 13:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 13:35	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 13:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 13:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 13:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 13:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 13:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 13:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 13:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 13:35	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-16		Lab ID: 92553519003		Collected: 08/04/21 11:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 13:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 13:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 13:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 13:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 13:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 13:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 13:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 13:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 13:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 13:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 13:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 13:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 13:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 13:35	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 13:35	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 13:35	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 13:35	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 13:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 13:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 13:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 13:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 13:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 13:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 13:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 13:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 13:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 13:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 13:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 13:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 13:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 13:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 13:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 13:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 13:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 13:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 13:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 13:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 13:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 13:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		08/05/21 13:35	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/05/21 13:35	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-16		Lab ID: 92553519003		Collected: 08/04/21 11:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/05/21 13:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-79D Lab ID: 92553519004 Collected: 08/04/21 11:50 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	61.0	ug/L	50.0	50.0	1		08/05/21 20:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 20:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 20:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 20:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/05/21 20:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 20:36	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 17:28	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 02:13	08/16/21 02:13	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/16/21 02:13	08/16/21 02:13	2037-26-5	
4-Bromofluorobenzene (S)	88.4	%	77.0-126		1	08/16/21 02:13	08/16/21 02:13	460-00-4	
1,2-Dichloroethane-d4 (S)	95.6	%	70.0-130		1	08/16/21 02:13	08/16/21 02:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 13:54	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 13:54	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 13:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 13:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 13:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 13:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 13:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 13:54	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 13:54	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 13:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 13:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 13:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 13:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 13:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 13:54	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 13:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 13:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 13:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 13:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 13:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 13:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 13:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 13:54	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-79D		Lab ID: 92553519004		Collected: 08/04/21 11:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 13:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 13:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 13:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 13:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 13:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 13:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 13:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 13:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 13:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 13:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 13:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 13:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 13:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 13:54	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 13:54	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 13:54	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 13:54	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 13:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 13:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 13:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 13:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 13:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 13:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 13:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 13:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 13:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 13:54	127-18-4	
Toluene	6.0	ug/L	0.50	0.48	1		08/05/21 13:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 13:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 13:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 13:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 13:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 13:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 13:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 13:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 13:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 13:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 13:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 13:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 13:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		08/05/21 13:54	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/05/21 13:54	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-79D		Lab ID: 92553519004		Collected: 08/04/21 11:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/05/21 13:54	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-17		Lab ID: 92553519005		Collected: 08/04/21 13:25		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 21:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 21:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 21:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 21:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/05/21 21:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 21:04	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 17:31	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 02:33	08/16/21 02:33	71-36-3	
Surrogates									
Toluene-d8 (S)	109	%	80.0-120		1	08/16/21 02:33	08/16/21 02:33	2037-26-5	
4-Bromofluorobenzene (S)	90.4	%	77.0-126		1	08/16/21 02:33	08/16/21 02:33	460-00-4	
1,2-Dichloroethane-d4 (S)	96.6	%	70.0-130		1	08/16/21 02:33	08/16/21 02:33	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 16:44	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 16:44	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 16:44	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 16:44	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 16:44	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 16:44	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 16:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 16:44	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 16:44	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 16:44	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 16:44	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 16:44	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 16:44	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 16:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 16:44	75-00-3	
Chloroform	3.1	ug/L	0.50	0.35	1		08/05/21 16:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 16:44	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 16:44	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 16:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 16:44	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 16:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 16:44	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 16:44	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-17		Lab ID: 92553519005		Collected: 08/04/21 13:25		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 16:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 16:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 16:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 16:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 16:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 16:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 16:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 16:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 16:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 16:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 16:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 16:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 16:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 16:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 16:44	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 16:44	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 16:44	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 16:44	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 16:44	637-92-3	
Hexachloro-1,3-butadiene	3.8	ug/L	2.0	1.5	1		08/05/21 16:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 16:44	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 16:44	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 16:44	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 16:44	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 16:44	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 16:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 16:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 16:44	79-34-5	
Tetrachloroethene	0.69	ug/L	0.50	0.29	1		08/05/21 16:44	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 16:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 16:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 16:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 16:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 16:44	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 16:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 16:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 16:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 16:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 16:44	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 16:44	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 16:44	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 16:44	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/05/21 16:44	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/05/21 16:44	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-17		Lab ID: 92553519005		Collected: 08/04/21 13:25		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/05/21 16:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-16D		Lab ID: 92553519006		Collected: 08/04/21 14:25		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 21:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 21:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 21:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 21:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/05/21 21:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/05/21 21:32	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 17:35	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 02:53	08/16/21 02:53	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/16/21 02:53	08/16/21 02:53	2037-26-5	
4-Bromofluorobenzene (S)	92.1	%	77.0-126		1	08/16/21 02:53	08/16/21 02:53	460-00-4	
1,2-Dichloroethane-d4 (S)	97.0	%	70.0-130		1	08/16/21 02:53	08/16/21 02:53	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 17:01	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 17:01	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 17:01	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 17:01	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 17:01	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 17:01	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 17:01	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 17:01	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 17:01	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 17:01	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 17:01	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 17:01	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 17:01	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 17:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 17:01	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 17:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 17:01	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 17:01	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 17:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 17:01	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 17:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 17:01	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 17:01	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-16D		Lab ID: 92553519006		Collected: 08/04/21 14:25		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 17:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 17:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 17:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 17:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 17:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 17:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 17:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 17:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 17:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 17:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 17:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 17:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 17:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 17:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 17:01	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 17:01	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 17:01	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 17:01	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 17:01	637-92-3	
Hexachloro-1,3-butadiene	3.6	ug/L	2.0	1.5	1		08/05/21 17:01	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 17:01	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 17:01	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 17:01	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 17:01	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 17:01	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 17:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 17:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 17:01	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 17:01	127-18-4	
Toluene	1.1	ug/L	0.50	0.48	1		08/05/21 17:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 17:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 17:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 17:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 17:01	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 17:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 17:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 17:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 17:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 17:01	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 17:01	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 17:01	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 17:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		08/05/21 17:01	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/05/21 17:01	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-16D		Lab ID: 92553519006		Collected: 08/04/21 14:25		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/05/21 17:01	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-83		Lab ID: 92553519007		Collected: 08/04/21 15:15		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 22:01		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 22:01		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 22:01		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 22:01		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/05/21 22:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/05/21 22:01	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 17:38	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 03:13	08/16/21 03:13	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/16/21 03:13	08/16/21 03:13	2037-26-5	
4-Bromofluorobenzene (S)	89.8	%	77.0-126		1	08/16/21 03:13	08/16/21 03:13	460-00-4	
1,2-Dichloroethane-d4 (S)	97.4	%	70.0-130		1	08/16/21 03:13	08/16/21 03:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 12:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 12:59	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 12:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 12:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 12:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 12:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 12:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 12:59	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 12:59	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 12:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 12:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 12:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 12:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 12:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 12:59	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 12:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 12:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 12:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 12:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 12:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 12:59	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-83		Lab ID: 92553519007		Collected: 08/04/21 15:15		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 12:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 12:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 12:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 12:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 12:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 12:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 12:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 12:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 12:59	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 12:59	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 12:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 12:59	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 12:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 12:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 12:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 12:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 12:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 12:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 12:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 12:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 12:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 12:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 12:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 12:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 12:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 12:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 12:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 12:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 12:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 12:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 12:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		08/05/21 12:59	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/05/21 12:59	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: MW-83		Lab ID: 92553519007		Collected: 08/04/21 15:15		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/05/21 12:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: EB-1-20210804 Lab ID: 92553519008 Collected: 08/04/21 15:00 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 22:29		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 22:29		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 22:29		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 22:29		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/05/21 22:29	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/05/21 22:29	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/08/21 18:04	08/09/21 17:41	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 01:33	08/16/21 01:33	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 01:33	08/16/21 01:33	2037-26-5	
4-Bromofluorobenzene (S)	91.8	%	77.0-126		1	08/16/21 01:33	08/16/21 01:33	460-00-4	
1,2-Dichloroethane-d4 (S)	95.3	%	70.0-130		1	08/16/21 01:33	08/16/21 01:33	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 11:48	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 11:48	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 11:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 11:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 11:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 11:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 11:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 11:48	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 11:48	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 11:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 11:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 11:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 11:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 11:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 11:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 11:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 11:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 11:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 11:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 11:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 11:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 11:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 11:48	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: EB-1-20210804		Lab ID: 92553519008		Collected: 08/04/21 15:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 11:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 11:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 11:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 11:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 11:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 11:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 11:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 11:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 11:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 11:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 11:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 11:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 11:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 11:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 11:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 11:48	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 11:48	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 11:48	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 11:48	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 11:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 11:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 11:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 11:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 11:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 11:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 11:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 11:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 11:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 11:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 11:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 11:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 11:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 11:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 11:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 11:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 11:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 11:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 11:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 11:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 11:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 11:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 11:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		08/05/21 11:48	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/05/21 11:48	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: EB-1-20210804		Lab ID: 92553519008		Collected: 08/04/21 15:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/05/21 11:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: FB-1-20210804 Lab ID: 92553519009 Collected: 08/04/21 13:00 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 22:58		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 22:58		N2
Aliphatic (C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 22:58		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 22:58		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/05/21 22:58	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 22:58	460-00-4	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 01:53	08/16/21 01:53	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/16/21 01:53	08/16/21 01:53	2037-26-5	
4-Bromofluorobenzene (S)	91.9	%	77.0-126		1	08/16/21 01:53	08/16/21 01:53	460-00-4	
1,2-Dichloroethane-d4 (S)	98.9	%	70.0-130		1	08/16/21 01:53	08/16/21 01:53	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 12:06	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 12:06	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 12:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 12:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 12:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 12:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 12:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 12:06	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 12:06	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 12:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 12:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 12:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 12:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 12:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 12:06	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 12:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 12:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 12:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 12:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 12:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 12:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 12:06	75-71-8	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: FB-1-20210804 Lab ID: 92553519009 Collected: 08/04/21 13:00 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 12:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 12:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 12:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 12:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 12:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 12:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 12:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 12:06	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 12:06	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 12:06	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 12:06	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 12:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 12:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 12:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 12:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 12:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 12:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 12:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 12:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 12:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 12:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 12:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 12:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 12:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 12:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 12:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 12:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 12:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 12:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 12:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	89	%	70-130		1		08/05/21 12:06	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/05/21 12:06	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		08/05/21 12:06	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: TRIP BLANK		Lab ID: 92553519010		Collected: 08/04/21 00:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 12:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 12:23	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 12:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 12:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 12:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 12:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 12:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 12:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 12:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 12:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 12:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 12:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 12:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 12:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 12:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 12:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 12:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 12:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 12:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 12:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 12:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 12:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 12:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 12:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 12:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 12:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 12:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 12:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 12:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 12:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 12:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 12:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 12:23	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 12:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 12:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 12:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 12:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 12:23	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Sample: TRIP BLANK		Lab ID: 92553519010		Collected: 08/04/21 00:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 12:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 12:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 12:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 12:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 12:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 12:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 12:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 12:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 12:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 12:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 12:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 12:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 12:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 12:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 12:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 12:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 12:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 12:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 12:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 12:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		08/05/21 12:23	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/05/21 12:23	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		08/05/21 12:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

QC Batch:	638369	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553519001, 92553519002, 92553519003, 92553519004, 92553519005, 92553519006, 92553519007, 92553519008, 92553519009		

METHOD BLANK:	3351429	Matrix:	Water
Associated Lab Samples:	92553519001, 92553519002, 92553519003, 92553519004, 92553519005, 92553519006, 92553519007, 92553519008, 92553519009		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/05/21 15:49	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/05/21 15:49	

LABORATORY CONTROL SAMPLE & LCSD:		3351430	3351431							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	373	358	124	119	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	117	106	117	106	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	104	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

QC Batch:	638808	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92553519001, 92553519002, 92553519003, 92553519004, 92553519005, 92553519006, 92553519007, 92553519008		

METHOD BLANK:	3353827	Matrix:	Water
Associated Lab Samples:	92553519001, 92553519002, 92553519003, 92553519004, 92553519005, 92553519006, 92553519007, 92553519008		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/09/21 16:49	

LABORATORY CONTROL SAMPLE: 3353828						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	476	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												
3353829					3353830							
Parameter	Units	92553519001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	488	481	97	96	75-125	1	20	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

QC Batch: 1723350

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92553519001

METHOD BLANK: R3692139-3

Matrix: Water

Associated Lab Samples: 92553519001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/14/21 18:44	
Toluene-d8 (S)	%	106	80.0-120		08/14/21 18:44	
4-Bromofluorobenzene (S)	%	94.3	77.0-126		08/14/21 18:44	
1,2-Dichloroethane-d4 (S)	%	111	70.0-130		08/14/21 18:44	

LABORATORY CONTROL SAMPLE: R3692139-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.82	91.0	70.0-130	
Toluene-d8 (S)	%			105	80.0-120	
4-Bromofluorobenzene (S)	%			95.8	77.0-126	
1,2-Dichloroethane-d4 (S)	%			110	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

QC Batch: 1723363

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92553519002, 92553519003

METHOD BLANK: R3692722-4

Matrix: Water

Associated Lab Samples: 92553519002, 92553519003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/15/21 05:37	
Toluene-d8 (S)	%	104	80.0-120		08/15/21 05:37	
4-Bromofluorobenzene (S)	%	92.3	77.0-126		08/15/21 05:37	
1,2-Dichloroethane-d4 (S)	%	112	70.0-130		08/15/21 05:37	

LABORATORY CONTROL SAMPLE: R3692722-3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.99	99.5	70.0-130	
Toluene-d8 (S)	%			104	80.0-120	
4-Bromofluorobenzene (S)	%			93.1	77.0-126	
1,2-Dichloroethane-d4 (S)	%			111	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

QC Batch:	1723365	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet

Associated Lab Samples: 92553519004, 92553519005, 92553519006, 92553519007, 92553519008, 92553519009

METHOD BLANK: R3693117-2 Matrix: Water

Associated Lab Samples: 92553519004, 92553519005, 92553519006, 92553519007, 92553519008, 92553519009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/16/21 01:13	
Toluene-d8 (S)	%	109	80.0-120		08/16/21 01:13	
4-Bromofluorobenzene (S)	%	91.1	77.0-126		08/16/21 01:13	
1,2-Dichloroethane-d4 (S)	%	96.5	70.0-130		08/16/21 01:13	

LABORATORY CONTROL SAMPLE: R3693117-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.87	93.5	70.0-130	
Toluene-d8 (S)	%			104	80.0-120	
4-Bromofluorobenzene (S)	%			90.8	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.3	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

QC Batch:	638271	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553519001, 92553519002, 92553519003, 92553519004, 92553519007, 92553519008, 92553519009, 92553519010		

METHOD BLANK: 3350768

Matrix: Water

Associated Lab Samples: 92553519001, 92553519002, 92553519003, 92553519004, 92553519007, 92553519008, 92553519009, 92553519010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/05/21 11:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/05/21 11:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/05/21 11:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/05/21 11:30	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/05/21 11:30	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/05/21 11:30	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/05/21 11:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/05/21 11:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/05/21 11:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/05/21 11:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/05/21 11:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/05/21 11:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/05/21 11:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/05/21 11:30	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/05/21 11:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/05/21 11:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/05/21 11:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/05/21 11:30	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/05/21 11:30	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 11:30	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 11:30	
Benzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
Bromobenzene	ug/L	ND	0.50	0.29	08/05/21 11:30	
Bromochloromethane	ug/L	ND	0.50	0.47	08/05/21 11:30	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/05/21 11:30	
Bromoform	ug/L	ND	0.50	0.34	08/05/21 11:30	
Bromomethane	ug/L	ND	5.0	1.7	08/05/21 11:30	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/05/21 11:30	
Chlorobenzene	ug/L	ND	0.50	0.28	08/05/21 11:30	
Chloroethane	ug/L	ND	1.0	0.65	08/05/21 11:30	
Chloroform	ug/L	ND	0.50	0.35	08/05/21 11:30	
Chloromethane	ug/L	ND	1.0	0.54	08/05/21 11:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/05/21 11:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 11:30	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/05/21 11:30	
Dibromomethane	ug/L	ND	0.50	0.39	08/05/21 11:30	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/05/21 11:30	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

METHOD BLANK: 3350768

Matrix: Water

Associated Lab Samples: 92553519001, 92553519002, 92553519003, 92553519004, 92553519007, 92553519008, 92553519009, 92553519010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	08/05/21 11:30	
Ethanol	ug/L	ND	200	72.2	08/05/21 11:30	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/05/21 11:30	
Ethylbenzene	ug/L	ND	0.50	0.30	08/05/21 11:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/05/21 11:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/05/21 11:30	
m&p-Xylene	ug/L	ND	1.0	0.71	08/05/21 11:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/05/21 11:30	
Methylene Chloride	ug/L	ND	2.0	2.0	08/05/21 11:30	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/05/21 11:30	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/05/21 11:30	
Naphthalene	ug/L	ND	2.0	0.64	08/05/21 11:30	
o-Xylene	ug/L	ND	0.50	0.34	08/05/21 11:30	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/05/21 11:30	
Styrene	ug/L	ND	0.50	0.29	08/05/21 11:30	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/05/21 11:30	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/05/21 11:30	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/05/21 11:30	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/05/21 11:30	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/05/21 11:30	
Toluene	ug/L	ND	0.50	0.48	08/05/21 11:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/05/21 11:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 11:30	
Trichloroethene	ug/L	ND	0.50	0.38	08/05/21 11:30	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/05/21 11:30	
Vinyl chloride	ug/L	ND	1.0	0.39	08/05/21 11:30	
1,2-Dichloroethane-d4 (S)	%	91	70-130		08/05/21 11:30	
4-Bromofluorobenzene (S)	%	98	70-130		08/05/21 11:30	
Toluene-d8 (S)	%	99	70-130		08/05/21 11:30	

LABORATORY CONTROL SAMPLE: 3350769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.3	95	60-140	
1,1,1-Trichloroethane	ug/L	50	44.1	88	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	60-140	
1,1,2-Trichloroethane	ug/L	50	45.4	91	60-140	
1,1-Dichloroethane	ug/L	50	46.2	92	60-140	
1,1-Dichloroethene	ug/L	50	45.6	91	60-140	
1,1-Dichloropropene	ug/L	50	46.4	93	60-140	
1,2,3-Trichlorobenzene	ug/L	50	48.6	97	60-140	
1,2,3-Trichloropropane	ug/L	50	43.7	87	60-140	
1,2,4-Trichlorobenzene	ug/L	50	48.7	97	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

LABORATORY CONTROL SAMPLE: 3350769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	48.4	97	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	45.5	91	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.1	92	60-140	
1,2-Dichlorobenzene	ug/L	50	48.9	98	60-140	
1,2-Dichloroethane	ug/L	50	43.0	86	60-140	
1,2-Dichloropropane	ug/L	50	47.0	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.5	97	60-140	
1,3-Dichlorobenzene	ug/L	50	49.5	99	60-140	
1,3-Dichloropropane	ug/L	50	46.6	93	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	45.5	91	60-140	
2-Chlorotoluene	ug/L	50	48.7	97	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.7	93	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	50.1	100	60-140	
Bromodichloromethane	ug/L	50	46.1	92	60-140	
Bromoform	ug/L	50	45.1	90	60-140	
Bromomethane	ug/L	50	43.6	87	60-140	
Carbon tetrachloride	ug/L	50	46.5	93	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	49.4	99	60-140	
Chloroform	ug/L	50	44.3	89	60-140	
Chloromethane	ug/L	50	42.1	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
cis-1,3-Dichloropropene	ug/L	50	46.6	93	60-140	
Dibromochloromethane	ug/L	50	47.1	94	60-140	
Dibromomethane	ug/L	50	47.7	95	60-140	
Dichlorodifluoromethane	ug/L	50	47.7	95	60-140	
Diisopropyl ether	ug/L	50	43.3	87	60-140	
Ethanol	ug/L	2000	1890	95	60-140	
Ethyl-tert-butyl ether	ug/L	100	91.5	91	60-140	
Ethylbenzene	ug/L	50	47.5	95	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.1	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.2	98	60-140	
m&p-Xylene	ug/L	100	93.8	94	60-140	
Methyl-tert-butyl ether	ug/L	50	43.5	87	60-140	
Methylene Chloride	ug/L	50	43.7	87	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.1	96	60-140	
Naphthalene	ug/L	50	46.4	93	60-140	
o-Xylene	ug/L	50	47.8	96	60-140	
sec-Butylbenzene	ug/L	50	48.5	97	60-140	
Styrene	ug/L	50	48.1	96	60-140	
tert-Amyl Alcohol	ug/L	1000	871	87	60-140	
tert-Amylmethyl ether	ug/L	100	93.9	94	60-140	
tert-Butyl Alcohol	ug/L	500	428	86	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

LABORATORY CONTROL SAMPLE: 3350769

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	41.1	82	60-140	
Tetrachloroethene	ug/L	50	47.8	96	60-140	
Toluene	ug/L	50	46.8	94	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.9	92	60-140	
trans-1,3-Dichloropropene	ug/L	50	46.3	93	60-140	
Trichloroethene	ug/L	50	48.7	97	60-140	
Trichlorofluoromethane	ug/L	50	44.1	88	60-140	
Vinyl chloride	ug/L	50	47.7	95	60-140	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350770 3350771

Parameter	Units	92553467002		MS	MSD	MS	MSD	MS	MSD	% Rec Limits	Max RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.							
1,1,1,2-Tetrachloroethane	ug/L	ND	4000	4000	3830	4010	96	100	60-140	5	30	
1,1,1-Trichloroethane	ug/L	ND	4000	4000	3830	3760	96	94	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	4000	4000	3810	3920	95	98	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	4000	4000	3860	3790	96	95	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	4000	4000	3910	3890	98	97	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	4000	4000	3940	3830	98	96	60-140	3	30	
1,1-Dichloropropene	ug/L	ND	4000	4000	3930	3870	98	97	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	4000	4000	3900	4100	97	102	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	4000	4000	3720	3760	93	94	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	4000	4000	3960	4240	99	106	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	2640	4000	4000	6710	6840	102	105	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	4000	4000	3640	3790	91	95	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	4000	4000	3830	3880	96	97	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	4000	4000	4000	4080	100	102	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	4000	4000	3660	3560	92	89	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	4000	4000	3860	3850	96	96	60-140	0	30	
1,3,5-Trimethylbenzene	ug/L	721	4000	4000	4820	4840	103	103	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	4000	4000	4000	4130	100	103	60-140	3	30	
1,3-Dichloropropane	ug/L	ND	4000	4000	3860	3950	96	99	60-140	2	30	
1,4-Dichlorobenzene	ug/L	ND	4000	4000	4100	4190	102	105	60-140	2	30	
2,2-Dichloropropane	ug/L	ND	4000	4000	3550	3500	89	88	60-140	1	30	
2-Chlorotoluene	ug/L	ND	4000	4000	4120	4080	103	102	60-140	1	30	
4-Chlorotoluene	ug/L	ND	4000	4000	3830	3910	96	98	60-140	2	30	
Benzene	ug/L	4190	4000	4000	8150	8140	99	99	60-140	0	30	
Bromobenzene	ug/L	ND	4000	4000	4130	4210	103	105	60-140	2	30	
Bromochloromethane	ug/L	ND	4000	4000	4060	4070	102	102	60-140	0	30	
Bromodichloromethane	ug/L	ND	4000	4000	3740	3680	93	92	60-140	2	30	
Bromoform	ug/L	ND	4000	4000	3570	3730	89	93	60-140	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350770 3350771											
Parameter	Units	92553467002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Bromomethane	ug/L	ND	4000	4000	3160	3670	79	92	60-140	15	30
Carbon tetrachloride	ug/L	ND	4000	4000	3940	3980	99	100	60-140	1	30
Chlorobenzene	ug/L	ND	4000	4000	4120	4220	103	105	60-140	2	30
Chloroethane	ug/L	ND	4000	4000	4250	4440	106	111	60-140	4	30
Chloroform	ug/L	ND	4000	4000	3710	3790	92	94	60-140	2	30
Chloromethane	ug/L	ND	4000	4000	3100	3390	77	85	60-140	9	30
cis-1,2-Dichloroethene	ug/L	ND	4000	4000	3880	3870	97	97	60-140	0	30
cis-1,3-Dichloropropene	ug/L	ND	4000	4000	3700	3680	93	92	60-140	1	30
Dibromochloromethane	ug/L	ND	4000	4000	3790	3870	95	97	60-140	2	30
Dibromomethane	ug/L	ND	4000	4000	4050	3920	101	98	60-140	3	30
Dichlorodifluoromethane	ug/L	ND	4000	4000	3540	3490	89	87	60-140	1	30
Diisopropyl ether	ug/L	ND	4000	4000	3570	3550	89	89	60-140	0	30
Ethanol	ug/L	ND	160000	160000	175000	164000	109	103	60-140	6	30
Ethyl-tert-butyl ether	ug/L	ND	8000	8000	7600	7480	95	94	60-140	2	30
Ethylbenzene	ug/L	2120	4000	4000	6110	6310	100	105	60-140	3	30
Hexachloro-1,3-butadiene	ug/L	ND	4000	4000	4020	4220	100	105	60-140	5	30
Isopropylbenzene (Cumene)	ug/L	92.8J	4000	4000	4180	4460	102	109	60-140	7	30
m&p-Xylene	ug/L	8960	8000	8000	16700	17400	97	105	60-140	4	30
Methyl-tert-butyl ether	ug/L	ND	4000	4000	3740	3650	92	89	60-140	2	30
Methylene Chloride	ug/L	ND	4000	4000	3740	3680	94	92	60-140	2	30
n-Butylbenzene	ug/L	ND	4000	4000	4150	4280	104	107	60-140	3	30
n-Propylbenzene	ug/L	293	4000	4000	4360	4420	102	103	60-140	1	30
Naphthalene	ug/L	893	4000	4000	4650	4840	94	99	60-140	4	30
o-Xylene	ug/L	4510	4000	4000	8440	8680	98	104	60-140	3	30
sec-Butylbenzene	ug/L	ND	4000	4000	4140	4250	103	106	60-140	3	30
Styrene	ug/L	ND	4000	4000	3940	4150	97	103	60-140	5	30
tert-Amyl Alcohol	ug/L	ND	80000	80000	78900	74800	95	90	60-140	5	30
tert-Amylmethyl ether	ug/L	ND	8000	8000	7840	7540	98	94	60-140	4	30
tert-Butyl Alcohol	ug/L	ND	40000	40000	37300	35900	93	90	60-140	4	30
tert-Butylbenzene	ug/L	ND	4000	4000	3510	3540	88	89	60-140	1	30
Tetrachloroethene	ug/L	ND	4000	4000	4080	4230	102	106	60-140	3	30
Toluene	ug/L	22100	4000	4000	26000	26000	96	97	60-140	0	30
trans-1,2-Dichloroethene	ug/L	ND	4000	4000	3890	3890	97	97	60-140	0	30
trans-1,3-Dichloropropene	ug/L	ND	4000	4000	3600	3500	90	88	60-140	3	30
Trichloroethene	ug/L	ND	4000	4000	4130	4050	103	101	60-140	2	30
Trichlorofluoromethane	ug/L	ND	4000	4000	3880	3910	97	98	60-140	1	30
Vinyl chloride	ug/L	ND	4000	4000	3900	3900	98	98	60-140	0	30
1,2-Dichloroethane-d4 (S)	%						91	89	70-130		
4-Bromofluorobenzene (S)	%						95	98	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

QC Batch: 638273

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553519005, 92553519006

METHOD BLANK: 3350799

Matrix: Water

Associated Lab Samples: 92553519005, 92553519006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/05/21 12:36	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/05/21 12:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/05/21 12:36	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/05/21 12:36	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/05/21 12:36	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/05/21 12:36	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/05/21 12:36	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/05/21 12:36	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/05/21 12:36	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/05/21 12:36	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/05/21 12:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/05/21 12:36	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/05/21 12:36	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/05/21 12:36	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/05/21 12:36	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/05/21 12:36	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/05/21 12:36	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/05/21 12:36	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/05/21 12:36	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 12:36	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 12:36	
Benzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
Bromobenzene	ug/L	ND	0.50	0.29	08/05/21 12:36	
Bromochloromethane	ug/L	ND	0.50	0.47	08/05/21 12:36	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/05/21 12:36	
Bromoform	ug/L	ND	0.50	0.34	08/05/21 12:36	
Bromomethane	ug/L	ND	5.0	1.7	08/05/21 12:36	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/05/21 12:36	
Chlorobenzene	ug/L	ND	0.50	0.28	08/05/21 12:36	
Chloroethane	ug/L	ND	1.0	0.65	08/05/21 12:36	
Chloroform	ug/L	ND	0.50	0.35	08/05/21 12:36	
Chloromethane	ug/L	ND	1.0	0.54	08/05/21 12:36	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/05/21 12:36	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 12:36	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/05/21 12:36	
Dibromomethane	ug/L	ND	0.50	0.39	08/05/21 12:36	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/05/21 12:36	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/05/21 12:36	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

METHOD BLANK: 3350799

Matrix: Water

Associated Lab Samples: 92553519005, 92553519006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/05/21 12:36	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/05/21 12:36	
Ethylbenzene	ug/L	ND	0.50	0.30	08/05/21 12:36	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/05/21 12:36	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/05/21 12:36	
m&p-Xylene	ug/L	ND	1.0	0.71	08/05/21 12:36	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/05/21 12:36	
Methylene Chloride	ug/L	ND	2.0	2.0	08/05/21 12:36	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/05/21 12:36	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
Naphthalene	ug/L	ND	2.0	0.64	08/05/21 12:36	
o-Xylene	ug/L	ND	0.50	0.34	08/05/21 12:36	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/05/21 12:36	
Styrene	ug/L	ND	0.50	0.29	08/05/21 12:36	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/05/21 12:36	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/05/21 12:36	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/05/21 12:36	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/05/21 12:36	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/05/21 12:36	
Toluene	ug/L	ND	0.50	0.48	08/05/21 12:36	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/05/21 12:36	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 12:36	
Trichloroethene	ug/L	ND	0.50	0.38	08/05/21 12:36	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/05/21 12:36	
Vinyl chloride	ug/L	ND	1.0	0.39	08/05/21 12:36	
1,2-Dichloroethane-d4 (S)	%	105	70-130		08/05/21 12:36	
4-Bromofluorobenzene (S)	%	102	70-130		08/05/21 12:36	
Toluene-d8 (S)	%	101	70-130		08/05/21 12:36	

LABORATORY CONTROL SAMPLE: 3350800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	52.0	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.4	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.0	96	60-140	
1,1-Dichloroethane	ug/L	50	51.8	104	60-140	
1,1-Dichloroethene	ug/L	50	53.2	106	60-140	
1,1-Dichloropropene	ug/L	50	54.3	109	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.7	105	60-140	
1,2,3-Trichloropropane	ug/L	50	44.7	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.2	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.2	92	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

LABORATORY CONTROL SAMPLE: 3350800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.0	98	60-140	
1,2-Dichlorobenzene	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane	ug/L	50	50.7	101	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.5	99	60-140	
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.6	97	60-140	
2,2-Dichloropropane	ug/L	50	53.1	106	60-140	
2-Chlorotoluene	ug/L	50	48.8	98	60-140	
4-Chlorotoluene	ug/L	50	45.8	92	60-140	
Benzene	ug/L	50	50.9	102	60-140	
Bromobenzene	ug/L	50	46.4	93	60-140	
Bromochloromethane	ug/L	50	50.2	100	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	45.4	91	60-140	
Bromomethane	ug/L	50	57.1	114	60-140	
Carbon tetrachloride	ug/L	50	53.9	108	60-140	
Chlorobenzene	ug/L	50	49.4	99	60-140	
Chloroethane	ug/L	50	36.9	74	60-140	
Chloroform	ug/L	50	47.8	96	60-140	
Chloromethane	ug/L	50	45.8	92	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	53.3	107	60-140	
Diisopropyl ether	ug/L	50	48.0	96	60-140	
Ethanol	ug/L	2000	2130	106	60-140	
Ethyl-tert-butyl ether	ug/L	100	104	104	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.6	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.1	102	60-140	
m&p-Xylene	ug/L	100	99.6	100	60-140	
Methyl-tert-butyl ether	ug/L	50	52.3	105	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	51.3	103	60-140	
n-Propylbenzene	ug/L	50	49.6	99	60-140	
Naphthalene	ug/L	50	48.3	97	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.9	98	60-140	
Styrene	ug/L	50	49.1	98	60-140	
tert-Amyl Alcohol	ug/L	1000	1040	104	60-140	
tert-Amylmethyl ether	ug/L	100	102	102	60-140	
tert-Butyl Alcohol	ug/L	500	458	92	60-140	
tert-Butylbenzene	ug/L	50	40.7	81	60-140	
Tetrachloroethene	ug/L	50	50.5	101	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

LABORATORY CONTROL SAMPLE: 3350800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	49.3	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.0	96	60-140	
Trichloroethene	ug/L	50	51.4	103	60-140	
Trichlorofluoromethane	ug/L	50	50.4	101	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350801 3350802

Parameter	Units	92553197001	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits			
1,1,1,2-Tetrachloroethane	ug/L	<0.31	20	20	23.6	24.6	118	123	60-140	4	30	
1,1,1-Trichloroethane	ug/L	<0.33	20	20	29.1	28.8	145	144	60-140	1	30	M1
1,1,2,2-Tetrachloroethane	ug/L	<0.22	20	20	21.8	22.8	109	114	60-140	4	30	
1,1,2-Trichloroethane	ug/L	<0.32	20	20	23.6	24.8	118	124	60-140	5	30	
1,1-Dichloroethane	ug/L	<0.37	20	20	28.7	28.5	143	142	60-140	1	30	M1
1,1-Dichloroethene	ug/L	<0.35	20	20	29.9	29.6	149	148	60-140	1	30	M1
1,1-Dichloropropene	ug/L	<0.43	20	20	29.1	29.2	146	146	60-140	0	30	M1
1,2,3-Trichlorobenzene	ug/L	<0.81	20	20	23.1	26.4	116	132	60-140	13	30	
1,2,3-Trichloropropane	ug/L	<0.26	20	20	22.4	23.6	112	118	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	<0.64	20	20	24.2	25.9	121	130	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	<0.50	20	20	24.0	25.3	120	126	60-140	5	30	
1,2-Dibromo-3-chloropropane	ug/L	<0.34	20	20	20.8	22.5	104	112	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	<0.27	20	20	23.8	24.3	119	122	60-140	2	30	
1,2-Dichlorobenzene	ug/L	<0.34	20	20	21.8	23.3	109	116	60-140	7	30	
1,2-Dichloroethane	ug/L	<0.32	20	20	26.5	26.4	133	132	60-140	1	30	
1,2-Dichloropropane	ug/L	<0.36	20	20	25.7	25.9	128	130	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	<0.33	20	20	23.8	24.8	119	124	60-140	4	30	
1,3-Dichlorobenzene	ug/L	<0.34	20	20	22.6	23.6	113	118	60-140	5	30	
1,3-Dichloropropane	ug/L	<0.28	20	20	24.0	24.6	120	123	60-140	2	30	
1,4-Dichlorobenzene	ug/L	<0.33	20	20	22.6	24.0	113	120	60-140	6	30	
2,2-Dichloropropane	ug/L	<0.39	20	20	29.4	29.5	147	147	60-140	0	30	M1
2-Chlorotoluene	ug/L	<0.32	20	20	22.9	24.2	114	121	60-140	6	30	
4-Chlorotoluene	ug/L	<0.32	20	20	21.8	22.9	109	114	60-140	5	30	
Benzene	ug/L	18.5	20	20	45.1	45.6	133	135	60-140	1	30	
Bromobenzene	ug/L	<0.29	20	20	22.2	23.4	111	117	60-140	6	30	
Bromochloromethane	ug/L	<0.47	20	20	27.6	27.8	138	139	60-140	1	30	
Bromodichloromethane	ug/L	<0.31	20	20	24.5	25.2	123	126	60-140	3	30	
Bromoform	ug/L	<0.34	20	20	21.5	22.0	107	110	60-140	3	30	
Bromomethane	ug/L	<1.7	20	20	26.6	30.7	131	152	60-140	14	30	M1
Carbon tetrachloride	ug/L	<0.33	20	20	28.8	29.3	144	146	60-140	2	30	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350801				3350802								
		92553197001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chlorobenzene	ug/L	<0.28	20	20	23.9	24.6	120	123	60-140	3	30	
Chloroethane	ug/L	<0.65	20	20	25.8	26.2	129	131	60-140	2	30	
Chloroform	ug/L	<0.35	20	20	25.8	25.5	129	127	60-140	1	30	
Chloromethane	ug/L	<0.54	20	20	18.2	18.3	91	92	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	<0.38	20	20	27.3	27.2	137	136	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	<0.36	20	20	24.3	25.3	121	126	60-140	4	30	
Dibromochloromethane	ug/L	<0.36	20	20	23.5	24.4	117	122	60-140	4	30	
Dibromomethane	ug/L	<0.39	20	20	24.4	24.6	122	123	60-140	1	30	
Dichlorodifluoromethane	ug/L	<0.35	20	20	25.3	24.8	126	124	60-140	2	30	
Diisopropyl ether	ug/L	0.34J	20	20	24.8	25.0	122	123	60-140	1	30	
Ethanol	ug/L	<72.2	800	800	1010	1050	126	131	60-140	4	30	
Ethyl-tert-butyl ether	ug/L	<3.2	40	40	51.8	52.6	129	131	60-140	1	30	
Ethylbenzene	ug/L	1.1	20	20	25.3	26.0	121	125	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	<1.5	20	20	28.1	29.8	140	149	60-140	6	30	M1
Isopropylbenzene (Cumene)	ug/L	0.78	20	20	25.5	26.5	123	129	60-140	4	30	
m&p-Xylene	ug/L	1.0J	40	40	49.3	50.7	121	124	60-140	3	30	
Methyl-tert-butyl ether	ug/L	1.5	20	20	28.2	28.6	133	135	60-140	1	30	
Methylene Chloride	ug/L	<2.0	20	20	24.1	23.9	121	119	60-140	1	30	
n-Butylbenzene	ug/L	<0.49	20	20	25.5	26.7	128	133	60-140	4	30	
n-Propylbenzene	ug/L	0.45J	20	20	24.3	25.2	119	124	60-140	3	30	
Naphthalene	ug/L	<0.64	20	20	21.2	23.7	103	115	60-140	11	30	
o-Xylene	ug/L	1.4	20	20	24.7	25.6	117	121	60-140	3	30	
sec-Butylbenzene	ug/L	0.77	20	20	25.2	26.6	122	129	60-140	5	30	
Styrene	ug/L	<0.29	20	20	23.3	24.3	117	121	60-140	4	30	
tert-Amyl Alcohol	ug/L	<36.4	400	400	498	519	122	127	60-140	4	30	
tert-Amylmethyl ether	ug/L	<2.7	40	40	51.0	52.5	124	128	60-140	3	30	
tert-Butyl Alcohol	ug/L	<26.8	200	200	227	245	114	123	60-140	8	30	
tert-Butylbenzene	ug/L	<0.32	20	20	20.1	21.1	100	106	60-140	5	30	
Tetrachloroethene	ug/L	<0.29	20	20	24.7	24.9	123	125	60-140	1	30	
Toluene	ug/L	0.61	20	20	25.4	26.1	124	127	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	<0.40	20	20	29.2	29.0	146	145	60-140	1	30	M1
trans-1,3-Dichloropropene	ug/L	<0.36	20	20	23.2	23.7	116	119	60-140	2	30	
Trichloroethene	ug/L	<0.38	20	20	27.3	27.7	136	139	60-140	2	30	
Trichlorofluoromethane	ug/L	<0.30	20	20	28.7	28.4	143	142	60-140	1	30	M1
Vinyl chloride	ug/L	<0.39	20	20	27.0	26.3	135	132	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						103	102	70-130			
4-Bromofluorobenzene (S)	%						104	100	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE-60639876

Pace Project No.: 92553519

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553519001	MW-28	MADEP VPH	638369		
92553519002	DUP-1-20210804	MADEP VPH	638369		
92553519003	MW-16	MADEP VPH	638369		
92553519004	MW-79D	MADEP VPH	638369		
92553519005	MW-17	MADEP VPH	638369		
92553519006	MW-16D	MADEP VPH	638369		
92553519007	MW-83	MADEP VPH	638369		
92553519008	EB-1-20210804	MADEP VPH	638369		
92553519009	FB-1-20210804	MADEP VPH	638369		
92553519001	MW-28	EPA 3010A	638808	EPA 6010D	638818
92553519002	DUP-1-20210804	EPA 3010A	638808	EPA 6010D	638818
92553519003	MW-16	EPA 3010A	638808	EPA 6010D	638818
92553519004	MW-79D	EPA 3010A	638808	EPA 6010D	638818
92553519005	MW-17	EPA 3010A	638808	EPA 6010D	638818
92553519006	MW-16D	EPA 3010A	638808	EPA 6010D	638818
92553519007	MW-83	EPA 3010A	638808	EPA 6010D	638818
92553519008	EB-1-20210804	EPA 3010A	638808	EPA 6010D	638818
92553519001	MW-28	6200B-2011	1723350	SM 6200B	1723350
92553519002	DUP-1-20210804	6200B-2011	1723363	SM 6200B	1723363
92553519003	MW-16	6200B-2011	1723363	SM 6200B	1723363
92553519004	MW-79D	6200B-2011	1723365	SM 6200B	1723365
92553519005	MW-17	6200B-2011	1723365	SM 6200B	1723365
92553519006	MW-16D	6200B-2011	1723365	SM 6200B	1723365
92553519007	MW-83	6200B-2011	1723365	SM 6200B	1723365
92553519008	EB-1-20210804	6200B-2011	1723365	SM 6200B	1723365
92553519009	FB-1-20210804	6200B-2011	1723365	SM 6200B	1723365
92553519001	MW-28	SM 6200B	638271		
92553519002	DUP-1-20210804	SM 6200B	638271		
92553519003	MW-16	SM 6200B	638271		
92553519004	MW-79D	SM 6200B	638271		
92553519005	MW-17	SM 6200B	638273		
92553519006	MW-16D	SM 6200B	638273		
92553519007	MW-83	SM 6200B	638271		
92553519008	EB-1-20210804	SM 6200B	638271		
92553519009	FB-1-20210804	SM 6200B	638271		
92553519010	TRIP BLANK	SM 6200B	638271		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

AE COM

Project #:

WO# : 92553519

Courier:

☐ Fed Ex ☐ UPS ☐ USPS ☒ Client

☐ Commercial

☐ Pace

☐ Other: _____



92553519

Custody Seal Present?

☐ Yes

☒ No

Seals Intact?

☐ Yes

☒ No

Date/Initials-Person-Examining-Contents: 12/8-4-21

Packing Material:

☐ Bubble Wrap

☒ Bubble Bags

☐ None

☐ Other

Biological Tissue Frozen?

Thermometer:

☒ IR Gun ID:

92T064

Type of Ice:

☐ Wet

☐ Blue

☐ None

☐ Yes

☐ No

☐ N/A

Cooler Temp:

5.7

Correction Factor:

Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

5.6

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes

☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

		Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.
Rush Turn Around Time Requested?	☒ Yes ☐ No ☐ N/A	4.
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A	
Containers Intact?	☐ Yes ☐ No ☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☒ N/A	8.
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u> </u>		
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project

WO# : 92553519

PM: BV

Due Date: 08/09/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-SO3S kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																												
2																												
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.

Section A Required Client Information: Section B Required Project Information: Section C Invoice Information:

Company:	AECOM	Report To:	Andy Wesschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
Suite:	200 Charlotte, NC 28210	Purchase Order #:		Address:	
Email:	andrew.wesschnig@aecom.com	Project Name:	CPC Huntersville-60639876	Pace Project Manager:	Donnie Yang@pacelabs.com
Phone:	(704) 716-0757	Project #:		Pace Profile #:	8458
Requested Due Date:	3-Day TAT				

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -,) Sample IDs must be unique	MATRIX Drinking Water Waste Water Product Soil/Solid Wipe Other Tissue	CODE DW WW P SL SW WP AP OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G-CRAB G-COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analyses Test	Y/N	Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
						DATE	TIME	DATE	TIME			Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol					Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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ADDITIONAL COMMENTS:		RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	
* 3-Day TAT *		Mike de Kluu / AECOM	8/4/21	1649	Pace Jackson Dept	8-4-21	16:49	28	Y
SAMPLER NAME AND SIGNATURE		PRINT Name of SAMPLER:		DATE Signed:		TEMP in C		Received on Ice (Y/N)	
SIGNATURE of SAMPLER:		Mike de Kozlowski		8/4/21					

August 18, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC HUNTERSVILLE 60639876
Pace Project No.: 92553563

Dear Andrew Wreschnig:

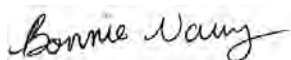
Enclosed are the analytical results for sample(s) received by the laboratory on August 04, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LA000356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Mold Certification #: LAB0152

Texas Certification #: T 104704245-17-14

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification #: LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553563001	MW-20	Water	08/04/21 09:40	08/04/21 16:49
92553563002	MW-89	Water	08/04/21 09:45	08/04/21 16:49
92553563003	MW-09	Water	08/04/21 09:50	08/04/21 16:49
92553563004	MW-25	Water	08/04/21 11:30	08/04/21 16:49
92553563005	MW-30	Water	08/04/21 11:40	08/04/21 16:49
92553563006	MW-56	Water	08/04/21 12:10	08/04/21 16:49
92553563007	MW-69	Water	08/04/21 12:03	08/04/21 16:49
92553563008	MW-88	Water	08/04/21 11:55	08/04/21 16:49
92553563009	MW-57	Water	08/04/21 13:10	08/04/21 16:49
92553563010	MW-41	Water	08/04/21 13:19	08/04/21 16:49
92553563011	MW-61D	Water	08/04/21 14:49	08/04/21 16:49
92553563012	MW-06	Water	08/04/21 14:40	08/04/21 16:49
92553563013	MW-87	Water	08/04/21 14:50	08/04/21 16:49
92553563014	MW-34	Water	08/04/21 14:55	08/04/21 16:49
92553563015	MW-38	Water	08/04/21 15:20	08/04/21 16:49
92553563016	DUP-2-20210804	Water	08/04/21 08:00	08/04/21 16:49
92553563017	EB-2-20210804	Water	08/04/21 16:05	08/04/21 16:49
92553563018	FB-2-20210804	Water	08/04/21 15:30	08/04/21 16:49
92553563019	TRIP BLANK	Water	08/04/21 00:00	08/04/21 16:49

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553563001	MW-20	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563002	MW-89	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563003	MW-09	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563004	MW-25	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563005	MW-30	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	PM1	68	PASI-C
92553563006	MW-56	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563007	MW-69	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	PM1	68	PASI-C
92553563008	MW-88	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563009	MW-57	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563010	MW-41	MADEP VPH	MAD	6	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553563011	MW-61D	EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
92553563012	MW-06	SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
92553563013	MW-87	SM 6200B	CL	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
92553563014	MW-34	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	CL	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92553563015	MW-38	EPA 6010D	CBV	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	CL	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
92553563016	DUP-2-20210804	SM 6200B	ACG	4	PAN
		SM 6200B	CL	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	ACG	4	PAN
92553563017	EB-2-20210804	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	CL	68	PASI-C
92553563018	FB-2-20210804	MADEP VPH	MAD	6	PASI-C
		SM 6200B	ACG	4	PAN
		SM 6200B	CL	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		SM 6200B	ACG	4	PAN
92553563019	TRIP BLANK	SM 6200B	CL	68	PASI-C
		SM 6200B	CL	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
PASI-C = Pace Analytical Services - Charlotte					

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-20		Lab ID: 92553563001		Collected: 08/04/21 09:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 23:26		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 23:26		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 23:26		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 23:26		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/05/21 23:26	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/05/21 23:26	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 04:28	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 03:33	08/16/21 03:33	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/16/21 03:33	08/16/21 03:33	2037-26-5	
4-Bromofluorobenzene (S)	89.6	%	77.0-126		1	08/16/21 03:33	08/16/21 03:33	460-00-4	
1,2-Dichloroethane-d4 (S)	96.3	%	70.0-130		1	08/16/21 03:33	08/16/21 03:33	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 01:34	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 01:34	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 01:34	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 01:34	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 01:34	74-97-5	
Bromodichloromethane	0.67	ug/L	0.50	0.31	1		08/06/21 01:34	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 01:34	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 01:34	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 01:34	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 01:34	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 01:34	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 01:34	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 01:34	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 01:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 01:34	75-00-3	
Chloroform	3.7	ug/L	0.50	0.35	1		08/06/21 01:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 01:34	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 01:34	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 01:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 01:34	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 01:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 01:34	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 01:34	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-20		Lab ID: 92553563001		Collected: 08/04/21 09:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 01:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 01:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 01:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 01:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 01:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 01:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 01:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 01:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 01:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 01:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 01:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 01:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 01:34	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 01:34	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 01:34	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 01:34	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 01:34	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 01:34	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 01:34	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 01:34	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 01:34	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 01:34	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:34	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 01:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 01:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 01:34	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 01:34	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 01:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 01:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 01:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 01:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 01:34	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 01:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 01:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 01:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 01:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 01:34	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 01:34	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 01:34	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 01:34	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		08/06/21 01:34	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/06/21 01:34	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-20		Lab ID: 92553563001		Collected: 08/04/21 09:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/06/21 01:34	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-89		Lab ID: 92553563002		Collected: 08/04/21 09:45		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 01:20		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 01:20		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 01:20		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 01:20		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/06/21 01:20	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/06/21 01:20	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 04:47	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 03:53	08/16/21 03:53	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 03:53	08/16/21 03:53	2037-26-5	
4-Bromofluorobenzene (S)	88.4	%	77.0-126		1	08/16/21 03:53	08/16/21 03:53	460-00-4	
1,2-Dichloroethane-d4 (S)	96.5	%	70.0-130		1	08/16/21 03:53	08/16/21 03:53	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 01:52	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 01:52	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 01:52	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 01:52	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 01:52	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 01:52	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 01:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 01:52	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 01:52	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 01:52	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 01:52	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 01:52	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 01:52	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 01:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 01:52	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 01:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 01:52	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 01:52	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 01:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 01:52	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 01:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 01:52	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 01:52	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-89		Lab ID: 92553563002		Collected: 08/04/21 09:45		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 01:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 01:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 01:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 01:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 01:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 01:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 01:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 01:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 01:52	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 01:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 01:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 01:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 01:52	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 01:52	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 01:52	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 01:52	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 01:52	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 01:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 01:52	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 01:52	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 01:52	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 01:52	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:52	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 01:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 01:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 01:52	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 01:52	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 01:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 01:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 01:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 01:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 01:52	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 01:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 01:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 01:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 01:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 01:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 01:52	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 01:52	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 01:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/06/21 01:52	17060-07-0	
4-Bromofluorobenzene (S)	107	%	70-130		1		08/06/21 01:52	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-89		Lab ID: 92553563002		Collected: 08/04/21 09:45		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/06/21 01:52	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-09		Lab ID: 92553563003		Collected: 08/04/21 09:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 01:48		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 01:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 01:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 01:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/06/21 01:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/06/21 01:48	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 04:51	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 04:13	08/16/21 04:13	71-36-3	
Surrogates									
Toluene-d8 (S)	107	%	80.0-120		1	08/16/21 04:13	08/16/21 04:13	2037-26-5	
4-Bromofluorobenzene (S)	91.4	%	77.0-126		1	08/16/21 04:13	08/16/21 04:13	460-00-4	
1,2-Dichloroethane-d4 (S)	98.8	%	70.0-130		1	08/16/21 04:13	08/16/21 04:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 14:57	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 14:57	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 14:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 14:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 14:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 14:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 14:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 14:57	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 14:57	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 14:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 14:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 14:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 14:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 14:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 14:57	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 14:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 14:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 14:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 14:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 14:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 14:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 14:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 14:57	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-09		Lab ID: 92553563003		Collected: 08/04/21 09:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 14:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 14:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 14:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 14:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 14:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 14:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 14:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 14:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 14:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 14:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 14:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 14:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 14:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 14:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 14:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 14:57	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 14:57	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 14:57	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 14:57	637-92-3	
Hexachloro-1,3-butadiene	4.2	ug/L	2.0	1.5	1		08/05/21 14:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 14:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 14:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 14:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 14:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 14:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 14:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 14:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 14:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 14:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 14:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 14:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 14:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 14:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 14:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 14:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 14:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 14:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 14:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 14:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 14:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 14:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 14:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/05/21 14:57	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/05/21 14:57	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-09		Lab ID: 92553563003		Collected: 08/04/21 09:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/05/21 14:57	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-25		Lab ID: 92553563004		Collected: 08/04/21 11:30		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	166	ug/L	50.0	50.0	1		08/06/21 02:17		N2
Aliphatic (C05-C08)	136	ug/L	50.0	50.0	1		08/06/21 02:17		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 02:17		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 02:17		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/06/21 02:17	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/06/21 02:17	460-00-4	
6010 MET ICP Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	25.6	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 04:54	7439-92-1	
VOA (GC/MS) 6200B-2011 Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 04:33	08/16/21 04:33	71-36-3	
Surrogates									
Toluene-d8 (S)	107	%	80.0-120		1	08/16/21 04:33	08/16/21 04:33	2037-26-5	
4-Bromofluorobenzene (S)	90.1	%	77.0-126		1	08/16/21 04:33	08/16/21 04:33	460-00-4	
1,2-Dichloroethane-d4 (S)	95.8	%	70.0-130		1	08/16/21 04:33	08/16/21 04:33	17060-07-0	
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 03:21	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 03:21	994-05-8	
Benzene	9.7	ug/L	0.50	0.34	1		08/06/21 03:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 03:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 03:21	74-97-5	
Bromodichloromethane	0.54	ug/L	0.50	0.31	1		08/06/21 03:21	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 03:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 03:21	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 03:21	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 03:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 03:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 03:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 03:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 03:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 03:21	75-00-3	
Chloroform	2.5	ug/L	0.50	0.35	1		08/06/21 03:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 03:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 03:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 03:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 03:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 03:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 03:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 03:21	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-25		Lab ID: 92553563004		Collected: 08/04/21 11:30		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 03:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 03:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 03:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 03:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 03:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 03:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 03:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 03:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 03:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 03:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 03:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 03:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 03:21	10061-02-6	
Diisopropyl ether	3.1	ug/L	0.50	0.31	1		08/06/21 03:21	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 03:21	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 03:21	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 03:21	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 03:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 03:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 03:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 03:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 03:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:21	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 03:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 03:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 03:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 03:21	127-18-4	
Toluene	9.3	ug/L	0.50	0.48	1		08/06/21 03:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 03:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 03:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 03:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 03:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 03:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 03:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 03:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 03:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 03:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 03:21	75-01-4	
m&p-Xylene	5.3	ug/L	1.0	0.71	1		08/06/21 03:21	179601-23-1	
o-Xylene	4.5	ug/L	0.50	0.34	1		08/06/21 03:21	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		08/06/21 03:21	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/06/21 03:21	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-25		Lab ID: 92553563004		Collected: 08/04/21 11:30		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/06/21 03:21	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-30		Lab ID: 92553563005		Collected: 08/04/21 11:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 02:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 02:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 02:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 02:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/06/21 02:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/06/21 02:45	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 04:57	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 04:53	08/16/21 04:53	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 04:53	08/16/21 04:53	2037-26-5	
4-Bromofluorobenzene (S)	91.6	%	77.0-126		1	08/16/21 04:53	08/16/21 04:53	460-00-4	
1,2-Dichloroethane-d4 (S)	99.0	%	70.0-130		1	08/16/21 04:53	08/16/21 04:53	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 13:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 13:23	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 13:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 13:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 13:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 13:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 13:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 13:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 13:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 13:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 13:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 13:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 13:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 13:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 13:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 13:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 13:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 13:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 13:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 13:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 13:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 13:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 13:23	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-30		Lab ID: 92553563005		Collected: 08/04/21 11:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 13:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 13:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 13:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 13:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 13:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 13:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 13:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 13:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 13:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 13:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 13:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 13:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 13:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 13:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 13:23	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 13:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 13:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 13:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 13:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 13:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 13:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 13:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 13:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 13:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 13:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 13:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 13:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 13:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 13:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 13:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 13:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 13:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 13:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 13:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 13:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 13:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 13:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 13:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 13:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/06/21 13:23	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/06/21 13:23	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-30		Lab ID: 92553563005		Collected: 08/04/21 11:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/06/21 13:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-56		Lab ID: 92553563006		Collected: 08/04/21 12:10		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 03:14		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 03:14		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 03:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 03:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/06/21 03:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/06/21 03:14	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:00	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 05:13	08/16/21 05:13	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/16/21 05:13	08/16/21 05:13	2037-26-5	
4-Bromofluorobenzene (S)	89.5	%	77.0-126		1	08/16/21 05:13	08/16/21 05:13	460-00-4	
1,2-Dichloroethane-d4 (S)	98.0	%	70.0-130		1	08/16/21 05:13	08/16/21 05:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 16:26	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 16:26	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 16:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 16:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 16:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 16:26	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 16:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 16:26	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 16:26	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 16:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 16:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 16:26	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 16:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 16:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 16:26	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 16:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 16:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 16:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 16:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 16:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 16:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 16:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 16:26	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-56		Lab ID: 92553563006		Collected: 08/04/21 12:10		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 16:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 16:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 16:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 16:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 16:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 16:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 16:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 16:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 16:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 16:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 16:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 16:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 16:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 16:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 16:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 16:26	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 16:26	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 16:26	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 16:26	637-92-3	
Hexachloro-1,3-butadiene	4.1	ug/L	2.0	1.5	1		08/05/21 16:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 16:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 16:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 16:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 16:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 16:26	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 16:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 16:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 16:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 16:26	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 16:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 16:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 16:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 16:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 16:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 16:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 16:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 16:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 16:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 16:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 16:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 16:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 16:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		08/05/21 16:26	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/05/21 16:26	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-56		Lab ID: 92553563006		Collected: 08/04/21 12:10		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/05/21 16:26	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-69		Lab ID: 92553563007		Collected: 08/04/21 12:03		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 03:42		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 03:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 03:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 03:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/06/21 03:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/06/21 03:42	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:03	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 05:33	08/16/21 05:33	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 05:33	08/16/21 05:33	2037-26-5	
4-Bromofluorobenzene (S)	92.6	%	77.0-126		1	08/16/21 05:33	08/16/21 05:33	460-00-4	
1,2-Dichloroethane-d4 (S)	95.4	%	70.0-130		1	08/16/21 05:33	08/16/21 05:33	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 13:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 13:41	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 13:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 13:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 13:41	74-97-5	
Bromodichloromethane	2.9	ug/L	0.50	0.31	1		08/06/21 13:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 13:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 13:41	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 13:41	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 13:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 13:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 13:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 13:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 13:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 13:41	75-00-3	
Chloroform	15.4	ug/L	0.50	0.35	1		08/06/21 13:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 13:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 13:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 13:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 13:41	96-12-8	
Dibromochloromethane	0.72	ug/L	0.50	0.36	1		08/06/21 13:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 13:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 13:41	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-69		Lab ID: 92553563007		Collected: 08/04/21 12:03		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 13:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 13:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 13:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 13:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 13:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 13:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 13:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 13:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 13:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 13:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 13:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 13:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 13:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 13:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 13:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 13:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 13:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 13:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 13:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 13:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 13:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 13:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 13:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 13:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 13:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 13:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 13:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 13:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 13:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 13:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 13:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 13:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 13:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 13:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 13:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 13:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 13:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 13:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 13:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/06/21 13:41	17060-07-0	
4-Bromofluorobenzene (S)	106	%	70-130		1		08/06/21 13:41	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-69		Lab ID: 92553563007		Collected: 08/04/21 12:03		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/06/21 13:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-88		Lab ID: 92553563008		Collected: 08/04/21 11:55		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 04:11		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 04:11		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 04:11		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 04:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/06/21 04:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/06/21 04:11	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:07	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 05:53	08/16/21 05:53	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 05:53	08/16/21 05:53	2037-26-5	
4-Bromofluorobenzene (S)	88.4	%	77.0-126		1	08/16/21 05:53	08/16/21 05:53	460-00-4	
1,2-Dichloroethane-d4 (S)	96.1	%	70.0-130		1	08/16/21 05:53	08/16/21 05:53	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 02:10	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 02:10	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 02:10	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 02:10	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 02:10	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 02:10	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 02:10	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 02:10	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 02:10	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 02:10	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 02:10	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 02:10	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 02:10	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 02:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 02:10	75-00-3	
Chloroform	1.2	ug/L	0.50	0.35	1		08/06/21 02:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 02:10	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 02:10	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 02:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 02:10	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 02:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 02:10	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 02:10	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-88		Lab ID: 92553563008		Collected: 08/04/21 11:55		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 02:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 02:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 02:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 02:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 02:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 02:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 02:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 02:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 02:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 02:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 02:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 02:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 02:10	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 02:10	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 02:10	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 02:10	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 02:10	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 02:10	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 02:10	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 02:10	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 02:10	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 02:10	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:10	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 02:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 02:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 02:10	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 02:10	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 02:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 02:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 02:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 02:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 02:10	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 02:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 02:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 02:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 02:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 02:10	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 02:10	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 02:10	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 02:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		08/06/21 02:10	17060-07-0	
4-Bromofluorobenzene (S)	107	%	70-130		1		08/06/21 02:10	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-88		Lab ID: 92553563008		Collected: 08/04/21 11:55		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/06/21 02:10	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-57		Lab ID: 92553563009		Collected: 08/04/21 13:10		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 04:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 04:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 04:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 04:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	106	%	70-130		1		08/06/21 04:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	111	%	70-130		1		08/06/21 04:39	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:10	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 06:13	08/16/21 06:13	71-36-3	
Surrogates									
Toluene-d8 (S)	112	%	80.0-120		1	08/16/21 06:13	08/16/21 06:13	2037-26-5	
4-Bromofluorobenzene (S)	92.8	%	77.0-126		1	08/16/21 06:13	08/16/21 06:13	460-00-4	
1,2-Dichloroethane-d4 (S)	97.8	%	70.0-130		1	08/16/21 06:13	08/16/21 06:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 00:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 00:59	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 00:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 00:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 00:59	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 00:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 00:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 00:59	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 00:59	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 00:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 00:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 00:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 00:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 00:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 00:59	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 00:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 00:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 00:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 00:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 00:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 00:59	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-57		Lab ID: 92553563009		Collected: 08/04/21 13:10		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 00:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 00:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 00:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 00:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 00:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 00:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 00:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 00:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 00:59	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 00:59	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 00:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 00:59	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 00:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 00:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 00:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 00:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 00:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 00:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 00:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 00:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 00:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 00:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 00:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 00:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 00:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 00:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 00:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 00:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 00:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 00:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 00:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/06/21 00:59	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/06/21 00:59	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-57		Lab ID: 92553563009		Collected: 08/04/21 13:10		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/06/21 00:59	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-41 Lab ID: 92553563010 Collected: 08/04/21 13:19 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 05:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 05:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 05:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 05:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/06/21 05:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/06/21 05:07	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:13	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 06:33	08/16/21 06:33	71-36-3	
Surrogates									
Toluene-d8 (S)	107	%	80.0-120		1	08/16/21 06:33	08/16/21 06:33	2037-26-5	
4-Bromofluorobenzene (S)	89.8	%	77.0-126		1	08/16/21 06:33	08/16/21 06:33	460-00-4	
1,2-Dichloroethane-d4 (S)	92.9	%	70.0-130		1	08/16/21 06:33	08/16/21 06:33	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 01:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 01:17	994-05-8	
Benzene	1.5	ug/L	0.50	0.34	1		08/06/21 01:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 01:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 01:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 01:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 01:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 01:17	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 01:17	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 01:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 01:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 01:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 01:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 01:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 01:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 01:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 01:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 01:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 01:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 01:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 01:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 01:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 01:17	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-41		Lab ID: 92553563010		Collected: 08/04/21 13:19		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 01:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 01:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 01:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 01:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 01:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 01:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 01:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 01:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 01:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 01:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 01:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 01:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 01:17	10061-02-6	
Diisopropyl ether	0.32J	ug/L	0.50	0.31	1		08/06/21 01:17	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 01:17	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 01:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 01:17	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 01:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 01:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 01:17	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 01:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 01:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 01:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 01:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 01:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 01:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 01:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 01:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 01:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 01:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 01:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 01:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 01:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 01:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 01:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 01:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 01:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 01:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 01:17	179601-23-1	
o-Xylene	0.45J	ug/L	0.50	0.34	1		08/06/21 01:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		08/06/21 01:17	17060-07-0	
4-Bromofluorobenzene (S)	106	%	70-130		1		08/06/21 01:17	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-41		Lab ID: 92553563010		Collected: 08/04/21 13:19		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/06/21 01:17	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-61D Lab ID: 92553563011 Collected: 08/04/21 14:49 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 05:36		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 05:36		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 05:36		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 05:36		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	106	%	70-130		1		08/06/21 05:36	460-00-4	
4-Bromofluorobenzene (PID) (S)	110	%	70-130		1		08/06/21 05:36	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:29	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 06:53	08/16/21 06:53	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/16/21 06:53	08/16/21 06:53	2037-26-5	
4-Bromofluorobenzene (S)	89.5	%	77.0-126		1	08/16/21 06:53	08/16/21 06:53	460-00-4	
1,2-Dichloroethane-d4 (S)	97.6	%	70.0-130		1	08/16/21 06:53	08/16/21 06:53	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 03:39	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 03:39	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 03:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 03:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 03:39	74-97-5	
Bromodichloromethane	1.4	ug/L	0.50	0.31	1		08/06/21 03:39	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 03:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 03:39	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 03:39	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 03:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 03:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 03:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 03:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 03:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 03:39	75-00-3	
Chloroform	6.6	ug/L	0.50	0.35	1		08/06/21 03:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 03:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 03:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 03:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 03:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 03:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 03:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 03:39	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-61D		Lab ID: 92553563011		Collected: 08/04/21 14:49		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 03:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 03:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 03:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 03:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 03:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 03:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 03:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 03:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 03:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 03:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 03:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 03:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 03:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 03:39	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 03:39	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 03:39	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 03:39	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 03:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 03:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 03:39	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 03:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 03:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:39	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 03:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 03:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 03:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 03:39	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 03:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 03:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 03:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 03:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 03:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 03:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 03:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 03:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 03:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 03:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 03:39	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 03:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 03:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/06/21 03:39	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/06/21 03:39	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-61D		Lab ID: 92553563011		Collected: 08/04/21 14:49		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/06/21 03:39	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-06		Lab ID: 92553563012		Collected: 08/04/21 14:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 06:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 06:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 06:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 06:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/06/21 06:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/06/21 06:04	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:32	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 07:13	08/16/21 07:13	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/16/21 07:13	08/16/21 07:13	2037-26-5	
4-Bromofluorobenzene (S)	90.1	%	77.0-126		1	08/16/21 07:13	08/16/21 07:13	460-00-4	
1,2-Dichloroethane-d4 (S)	96.6	%	70.0-130		1	08/16/21 07:13	08/16/21 07:13	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 02:28	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 02:28	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 02:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 02:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 02:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 02:28	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 02:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 02:28	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 02:28	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 02:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 02:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 02:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 02:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 02:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 02:28	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 02:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 02:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 02:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 02:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 02:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 02:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 02:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 02:28	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-06		Lab ID: 92553563012		Collected: 08/04/21 14:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 02:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 02:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 02:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 02:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 02:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 02:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 02:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 02:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 02:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 02:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 02:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 02:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 02:28	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 02:28	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 02:28	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 02:28	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 02:28	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 02:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 02:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 02:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 02:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 02:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:28	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 02:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 02:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 02:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 02:28	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 02:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 02:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 02:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 02:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 02:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 02:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 02:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 02:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 02:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 02:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 02:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 02:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 02:28	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/06/21 02:28	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/06/21 02:28	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-06		Lab ID: 92553563012		Collected: 08/04/21 14:40		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		08/06/21 02:28	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-87 Lab ID: 92553563013 Collected: 08/04/21 14:50 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 06:33		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 06:33		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 06:33		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 06:33		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/06/21 06:33	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/06/21 06:33	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:36	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 07:34	08/16/21 07:34	71-36-3	
Surrogates									
Toluene-d8 (S)	106	%	80.0-120		1	08/16/21 07:34	08/16/21 07:34	2037-26-5	
4-Bromofluorobenzene (S)	89.4	%	77.0-126		1	08/16/21 07:34	08/16/21 07:34	460-00-4	
1,2-Dichloroethane-d4 (S)	94.2	%	70.0-130		1	08/16/21 07:34	08/16/21 07:34	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 02:46	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 02:46	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 02:46	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 02:46	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 02:46	74-97-5	
Bromodichloromethane	0.76	ug/L	0.50	0.31	1		08/06/21 02:46	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 02:46	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 02:46	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 02:46	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 02:46	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 02:46	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 02:46	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 02:46	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 02:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 02:46	75-00-3	
Chloroform	4.7	ug/L	0.50	0.35	1		08/06/21 02:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 02:46	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 02:46	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 02:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 02:46	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 02:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 02:46	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 02:46	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-87		Lab ID: 92553563013		Collected: 08/04/21 14:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 02:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 02:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 02:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 02:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 02:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 02:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 02:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 02:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 02:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 02:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 02:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 02:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 02:46	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 02:46	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 02:46	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 02:46	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 02:46	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 02:46	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 02:46	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 02:46	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 02:46	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 02:46	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 02:46	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 02:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 02:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 02:46	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 02:46	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 02:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 02:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 02:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 02:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 02:46	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 02:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 02:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 02:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 02:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 02:46	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 02:46	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 02:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 02:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		08/06/21 02:46	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/06/21 02:46	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-87		Lab ID: 92553563013		Collected: 08/04/21 14:50		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/06/21 02:46	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-34		Lab ID: 92553563014		Collected: 08/04/21 14:55		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 07:01		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 07:01		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 07:01		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 07:01		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/06/21 07:01	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/06/21 07:01	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:39	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 07:54	08/16/21 07:54	71-36-3	
Surrogates									
Toluene-d8 (S)	105	%	80.0-120		1	08/16/21 07:54	08/16/21 07:54	2037-26-5	
4-Bromofluorobenzene (S)	90.3	%	77.0-126		1	08/16/21 07:54	08/16/21 07:54	460-00-4	
1,2-Dichloroethane-d4 (S)	94.1	%	70.0-130		1	08/16/21 07:54	08/16/21 07:54	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 03:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 03:03	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 03:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 03:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 03:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 03:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 03:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 03:03	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 03:03	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 03:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 03:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 03:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 03:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 03:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 03:03	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 03:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 03:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 03:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 03:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 03:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 03:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 03:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 03:03	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-34		Lab ID: 92553563014		Collected: 08/04/21 14:55		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 03:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 03:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 03:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 03:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 03:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 03:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 03:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 03:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 03:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 03:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 03:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 03:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 03:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 03:03	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 03:03	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 03:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 03:03	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 03:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 03:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 03:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 03:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 03:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 03:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 03:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 03:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 03:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 03:03	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 03:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 03:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 03:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 03:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 03:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 03:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 03:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 03:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 03:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 03:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 03:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 03:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 03:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		08/06/21 03:03	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/06/21 03:03	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-34		Lab ID: 92553563014		Collected: 08/04/21 14:55		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/06/21 03:03	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-38		Lab ID: 92553563015		Collected: 08/04/21 15:20		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	17900	ug/L	200	200	4		08/07/21 01:34		N2
Aliphatic (C05-C08)	15200	ug/L	200	200	4		08/07/21 01:34		N2
Aliphatic(C09-C12) Adjusted	2530	ug/L	200	200	4		08/07/21 01:34		N2
Aromatic (C09-C10)	243	ug/L	200	200	4		08/07/21 01:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		4		08/07/21 01:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		4		08/07/21 01:34	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	31.2	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:42	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 06:41	08/16/21 06:41	71-36-3	
Surrogates									
Toluene-d8 (S)	96.1	%	80.0-120		1	08/16/21 06:41	08/16/21 06:41	2037-26-5	
4-Bromofluorobenzene (S)	95.3	%	77.0-126		1	08/16/21 06:41	08/16/21 06:41	460-00-4	
1,2-Dichloroethane-d4 (S)	95.4	%	70.0-130		1	08/16/21 06:41	08/16/21 06:41	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	1000	364	10		08/06/21 05:08	75-85-4	
tert-Amylmethyl ether	50.4J	ug/L	100	26.6	10		08/06/21 05:08	994-05-8	
Benzene	1920	ug/L	5.0	3.4	10		08/06/21 05:08	71-43-2	M1
Bromobenzene	ND	ug/L	5.0	2.9	10		08/06/21 05:08	108-86-1	
Bromochloromethane	ND	ug/L	5.0	4.7	10		08/06/21 05:08	74-97-5	M1
Bromodichloromethane	ND	ug/L	5.0	3.1	10		08/06/21 05:08	75-27-4	
Bromoform	ND	ug/L	5.0	3.4	10		08/06/21 05:08	75-25-2	
Bromomethane	ND	ug/L	50.0	16.6	10		08/06/21 05:08	74-83-9	M1
tert-Butyl Alcohol	ND	ug/L	500	268	10		08/06/21 05:08	75-65-0	M1
n-Butylbenzene	ND	ug/L	5.0	4.9	10		08/06/21 05:08	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	4.0	10		08/06/21 05:08	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	3.2	10		08/06/21 05:08	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	3.3	10		08/06/21 05:08	56-23-5	M1
Chlorobenzene	ND	ug/L	5.0	2.8	10		08/06/21 05:08	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		08/06/21 05:08	75-00-3	
Chloroform	ND	ug/L	5.0	3.5	10		08/06/21 05:08	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		08/06/21 05:08	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	3.2	10		08/06/21 05:08	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	3.2	10		08/06/21 05:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	3.4	10		08/06/21 05:08	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	3.6	10		08/06/21 05:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	2.7	10		08/06/21 05:08	106-93-4	
Dibromomethane	ND	ug/L	5.0	3.9	10		08/06/21 05:08	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-38		Lab ID: 92553563015		Collected: 08/04/21 15:20		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	5.0	3.4	10		08/06/21 05:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	3.4	10		08/06/21 05:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	3.3	10		08/06/21 05:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	3.5	10		08/06/21 05:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	3.7	10		08/06/21 05:08	75-34-3	M1
1,2-Dichloroethane	ND	ug/L	5.0	3.2	10		08/06/21 05:08	107-06-2	M1
1,1-Dichloroethene	ND	ug/L	5.0	3.5	10		08/06/21 05:08	75-35-4	M1
cis-1,2-Dichloroethene	ND	ug/L	5.0	3.8	10		08/06/21 05:08	156-59-2	M1
trans-1,2-Dichloroethene	ND	ug/L	5.0	4.0	10		08/06/21 05:08	156-60-5	M1
1,2-Dichloropropane	ND	ug/L	5.0	3.6	10		08/06/21 05:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	2.8	10		08/06/21 05:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	3.9	10		08/06/21 05:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	4.3	10		08/06/21 05:08	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		08/06/21 05:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		08/06/21 05:08	10061-02-6	
Diisopropyl ether	302	ug/L	5.0	3.1	10		08/06/21 05:08	108-20-3	M1
Ethanol	ND	ug/L	2000	722	10		08/06/21 05:08	64-17-5	
Ethylbenzene	150	ug/L	5.0	3.0	10		08/06/21 05:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	100	32.4	10		08/06/21 05:08	637-92-3	M1
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		08/06/21 05:08	87-68-3	
Isopropylbenzene (Cumene)	3.9J	ug/L	5.0	3.3	10		08/06/21 05:08	98-82-8	
Methylene Chloride	ND	ug/L	20.0	19.5	10		08/06/21 05:08	75-09-2	
Methyl-tert-butyl ether	134	ug/L	5.0	4.2	10		08/06/21 05:08	1634-04-4	M1
Naphthalene	18.1J	ug/L	20.0	6.4	10		08/06/21 05:08	91-20-3	
n-Propylbenzene	7.0	ug/L	5.0	3.4	10		08/06/21 05:08	103-65-1	
Styrene	ND	ug/L	5.0	2.9	10		08/06/21 05:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	3.1	10		08/06/21 05:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.2	10		08/06/21 05:08	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.9	10		08/06/21 05:08	127-18-4	
Toluene	494	ug/L	5.0	4.8	10		08/06/21 05:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	8.1	10		08/06/21 05:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	6.4	10		08/06/21 05:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	3.3	10		08/06/21 05:08	71-55-6	M1
1,1,2-Trichloroethane	ND	ug/L	5.0	3.2	10		08/06/21 05:08	79-00-5	
Trichloroethene	ND	ug/L	5.0	3.8	10		08/06/21 05:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		08/06/21 05:08	75-69-4	M1
1,2,3-Trichloropropane	ND	ug/L	5.0	2.6	10		08/06/21 05:08	96-18-4	
1,2,4-Trimethylbenzene	51.8	ug/L	5.0	5.0	10		08/06/21 05:08	95-63-6	
1,3,5-Trimethylbenzene	13.8	ug/L	5.0	3.3	10		08/06/21 05:08	108-67-8	
Vinyl chloride	ND	ug/L	10.0	3.9	10		08/06/21 05:08	75-01-4	
m&p-Xylene	557	ug/L	10.0	7.1	10		08/06/21 05:08	179601-23-1	
o-Xylene	335	ug/L	5.0	3.4	10		08/06/21 05:08	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		10		08/06/21 05:08	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		10		08/06/21 05:08	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: MW-38		Lab ID: 92553563015		Collected: 08/04/21 15:20		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		10		08/06/21 05:08	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: DUP-2-20210804 Lab ID: 92553563016 Collected: 08/04/21 08:00 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 07:58		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 07:58		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 07:58		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 07:58		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/06/21 07:58	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/06/21 07:58	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:45	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 07:01	08/16/21 07:01	71-36-3	
Surrogates									
Toluene-d8 (S)	92.5	%	80.0-120		1	08/16/21 07:01	08/16/21 07:01	2037-26-5	
4-Bromofluorobenzene (S)	88.1	%	77.0-126		1	08/16/21 07:01	08/16/21 07:01	460-00-4	
1,2-Dichloroethane-d4 (S)	99.6	%	70.0-130		1	08/16/21 07:01	08/16/21 07:01	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 13:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 13:59	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 13:59	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 13:59	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 13:59	74-97-5	
Bromodichloromethane	0.75	ug/L	0.50	0.31	1		08/06/21 13:59	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 13:59	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 13:59	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 13:59	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 13:59	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 13:59	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 13:59	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 13:59	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 13:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 13:59	75-00-3	
Chloroform	4.6	ug/L	0.50	0.35	1		08/06/21 13:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 13:59	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 13:59	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 13:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 13:59	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 13:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 13:59	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 13:59	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: DUP-2-20210804		Lab ID: 92553563016		Collected: 08/04/21 08:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 13:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 13:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 13:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 13:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 13:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 13:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 13:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 13:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 13:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 13:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 13:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 13:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 13:59	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 13:59	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 13:59	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 13:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 13:59	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 13:59	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 13:59	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 13:59	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 13:59	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 13:59	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 13:59	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 13:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 13:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 13:59	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 13:59	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 13:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 13:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 13:59	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 13:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 13:59	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 13:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 13:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 13:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 13:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 13:59	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 13:59	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 13:59	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 13:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/06/21 13:59	17060-07-0	
4-Bromofluorobenzene (S)	106	%	70-130		1		08/06/21 13:59	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: DUP-2-20210804		Lab ID: 92553563016		Collected: 08/04/21 08:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/06/21 13:59	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: EB-2-20210804 Lab ID: 92553563017 Collected: 08/04/21 16:05 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 08:27		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 08:27		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 08:27		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 08:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/06/21 08:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/06/21 08:27	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:48	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 07:22	08/16/21 07:22	71-36-3	
Surrogates									
Toluene-d8 (S)	91.9	%	80.0-120		1	08/16/21 07:22	08/16/21 07:22	2037-26-5	
4-Bromofluorobenzene (S)	88.4	%	77.0-126		1	08/16/21 07:22	08/16/21 07:22	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 07:22	08/16/21 07:22	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 00:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 00:41	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 00:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 00:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 00:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 00:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 00:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 00:41	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 00:41	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 00:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 00:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 00:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 00:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 00:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 00:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 00:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 00:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 00:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 00:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 00:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 00:41	74-95-3	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: EB-2-20210804		Lab ID: 92553563017		Collected: 08/04/21 16:05		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 00:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 00:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 00:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 00:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 00:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 00:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 00:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 00:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 00:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 00:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 00:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 00:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 00:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 00:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 00:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 00:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 00:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 00:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 00:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 00:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 00:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 00:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 00:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 00:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 00:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 00:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 00:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 00:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 00:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 00:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/06/21 00:41	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/06/21 00:41	460-00-4	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: EB-2-20210804		Lab ID: 92553563017		Collected: 08/04/21 16:05		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/06/21 00:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: FB-2-20210804 Lab ID: 92553563018 Collected: 08/04/21 15:30 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 08:55		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 08:55		N2
Aliphatic (C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 08:55		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 08:55		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/06/21 08:55	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/06/21 08:55	460-00-4	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 07:43	08/16/21 07:43	71-36-3	
Surrogates									
Toluene-d8 (S)	93.6	%	80.0-120		1	08/16/21 07:43	08/16/21 07:43	2037-26-5	
4-Bromofluorobenzene (S)	89.4	%	77.0-126		1	08/16/21 07:43	08/16/21 07:43	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130		1	08/16/21 07:43	08/16/21 07:43	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/06/21 00:06	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/06/21 00:06	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/06/21 00:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/06/21 00:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/06/21 00:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/06/21 00:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/06/21 00:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/06/21 00:06	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/06/21 00:06	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/06/21 00:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/06/21 00:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/06/21 00:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/06/21 00:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/06/21 00:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/06/21 00:06	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/06/21 00:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/06/21 00:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/06/21 00:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/06/21 00:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/06/21 00:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/06/21 00:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/06/21 00:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/06/21 00:06	75-71-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: FB-2-20210804 Lab ID: 92553563018 Collected: 08/04/21 15:30 Received: 08/04/21 16:49 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/06/21 00:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/06/21 00:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/06/21 00:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/06/21 00:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/06/21 00:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/06/21 00:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/06/21 00:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/06/21 00:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/06/21 00:06	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/06/21 00:06	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/06/21 00:06	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/06/21 00:06	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/06/21 00:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/06/21 00:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/06/21 00:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/06/21 00:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/06/21 00:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/06/21 00:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/06/21 00:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/06/21 00:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/06/21 00:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/06/21 00:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/06/21 00:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/06/21 00:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/06/21 00:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/06/21 00:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/06/21 00:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/06/21 00:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/06/21 00:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/06/21 00:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/06/21 00:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/06/21 00:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/06/21 00:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/06/21 00:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/06/21 00:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/06/21 00:06	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/06/21 00:06	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/06/21 00:06	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: TRIP BLANK		Lab ID: 92553563019		Collected: 08/04/21 00:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/05/21 23:48	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/05/21 23:48	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/05/21 23:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/05/21 23:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/05/21 23:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/05/21 23:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/05/21 23:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/05/21 23:48	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/05/21 23:48	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/05/21 23:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/05/21 23:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/05/21 23:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/05/21 23:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/05/21 23:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/05/21 23:48	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/05/21 23:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/05/21 23:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 23:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/05/21 23:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/05/21 23:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/05/21 23:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/05/21 23:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/05/21 23:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 23:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/05/21 23:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/05/21 23:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/05/21 23:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/05/21 23:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 23:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/05/21 23:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 23:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/05/21 23:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/05/21 23:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/05/21 23:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/05/21 23:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/05/21 23:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 23:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/05/21 23:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/05/21 23:48	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/05/21 23:48	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/05/21 23:48	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/05/21 23:48	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/05/21 23:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/05/21 23:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/05/21 23:48	75-09-2	

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ANALYTICAL RESULTS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Sample: TRIP BLANK		Lab ID: 92553563019		Collected: 08/04/21 00:00		Received: 08/04/21 16:49		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/05/21 23:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/05/21 23:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/05/21 23:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/05/21 23:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/05/21 23:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/05/21 23:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/05/21 23:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/05/21 23:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/05/21 23:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/05/21 23:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/05/21 23:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/05/21 23:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/05/21 23:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/05/21 23:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/05/21 23:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/05/21 23:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/05/21 23:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/05/21 23:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/05/21 23:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/05/21 23:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		08/05/21 23:48	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/05/21 23:48	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/05/21 23:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch:	638369	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92553563001

METHOD BLANK: 3351429 Matrix: Water

Associated Lab Samples: 92553563001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/05/21 15:49	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/05/21 15:49	

LABORATORY CONTROL SAMPLE & LCSD: 3351430

3351431

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	373	358	124	119	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	117	106	117	106	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	104	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch:	638444	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553563002, 92553563003, 92553563004, 92553563005, 92553563006, 92553563007, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014, 92553563016, 92553563017, 92553563018		

METHOD BLANK: 3351823 Matrix: Water

Associated Lab Samples: 92553563002, 92553563003, 92553563004, 92553563005, 92553563006, 92553563007, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014, 92553563016, 92553563017, 92553563018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/05/21 16:17	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/05/21 16:17	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/05/21 16:17	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/05/21 16:17	

LABORATORY CONTROL SAMPLE & LCSD: 3351824

		3351825								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	377	343	126	114	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	106	108	106	108	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				100	102	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch: 638691

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553563015

METHOD BLANK: 3353231

Matrix: Water

Associated Lab Samples: 92553563015

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/06/21 16:31	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/06/21 16:31	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		08/06/21 16:31	
4-Bromofluorobenzene (PID) (S)	%	109	70-130		08/06/21 16:31	

LABORATORY CONTROL SAMPLE & LCSD: 3353232

3353233

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	358	352	119	117	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	107	113	107	113	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	104	70-130			

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch:	638971	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92553563001, 92553563002, 92553563003, 92553563004, 92553563005, 92553563006, 92553563007, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014, 92553563015, 92553563016, 92553563017		

METHOD BLANK:	3354539	Matrix:	Water
Associated Lab Samples:	92553563001, 92553563002, 92553563003, 92553563004, 92553563005, 92553563006, 92553563007, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014, 92553563015, 92553563016, 92553563017		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/10/21 04:22	

LABORATORY CONTROL SAMPLE: 3354540						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	550	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					3354541								3354542			
Parameter	Units	92553563001 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual				
			Spike Conc.	Spike Conc.												
Lead	ug/L	ND	500	500	528	520	105	103	75-125	2	20					

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch:	1723365	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	92553563001, 92553563002, 92553563003, 92553563004, 92553563005, 92553563006, 92553563007, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014		

METHOD BLANK: R3693117-2

Matrix: Water

Associated Lab Samples: 92553563001, 92553563002, 92553563003, 92553563004, 92553563005, 92553563006, 92553563007, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/16/21 01:13	
Toluene-d8 (S)	%	109	80.0-120		08/16/21 01:13	
4-Bromofluorobenzene (S)	%	91.1	77.0-126		08/16/21 01:13	
1,2-Dichloroethane-d4 (S)	%	96.5	70.0-130		08/16/21 01:13	

LABORATORY CONTROL SAMPLE: R3693117-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.87	93.5	70.0-130	
Toluene-d8 (S)	%			104	80.0-120	
4-Bromofluorobenzene (S)	%			90.8	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.3	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch:	1723366	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet

Associated Lab Samples: 92553563015, 92553563016, 92553563017, 92553563018

METHOD BLANK: R3693339-3 Matrix: Water

Associated Lab Samples: 92553563015, 92553563016, 92553563017, 92553563018

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/16/21 06:20	
Toluene-d8 (S)	%	94.5	80.0-120		08/16/21 06:20	
4-Bromofluorobenzene (S)	%	87.5	77.0-126		08/16/21 06:20	
1,2-Dichloroethane-d4 (S)	%	101	70.0-130		08/16/21 06:20	

LABORATORY CONTROL SAMPLE: R3693339-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	2.56	128	70.0-130	
Toluene-d8 (S)	%			91.4	80.0-120	
4-Bromofluorobenzene (S)	%			90.3	77.0-126	
1,2-Dichloroethane-d4 (S)	%			94.5	70.0-130	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch: 638273

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553563003, 92553563006

METHOD BLANK: 3350799

Matrix: Water

Associated Lab Samples: 92553563003, 92553563006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/05/21 12:36	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/05/21 12:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/05/21 12:36	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/05/21 12:36	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/05/21 12:36	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/05/21 12:36	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/05/21 12:36	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/05/21 12:36	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/05/21 12:36	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/05/21 12:36	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/05/21 12:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/05/21 12:36	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/05/21 12:36	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/05/21 12:36	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/05/21 12:36	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/05/21 12:36	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/05/21 12:36	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/05/21 12:36	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/05/21 12:36	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 12:36	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 12:36	
Benzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
Bromobenzene	ug/L	ND	0.50	0.29	08/05/21 12:36	
Bromochloromethane	ug/L	ND	0.50	0.47	08/05/21 12:36	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/05/21 12:36	
Bromoform	ug/L	ND	0.50	0.34	08/05/21 12:36	
Bromomethane	ug/L	ND	5.0	1.7	08/05/21 12:36	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/05/21 12:36	
Chlorobenzene	ug/L	ND	0.50	0.28	08/05/21 12:36	
Chloroethane	ug/L	ND	1.0	0.65	08/05/21 12:36	
Chloroform	ug/L	ND	0.50	0.35	08/05/21 12:36	
Chloromethane	ug/L	ND	1.0	0.54	08/05/21 12:36	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/05/21 12:36	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 12:36	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/05/21 12:36	
Dibromomethane	ug/L	ND	0.50	0.39	08/05/21 12:36	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/05/21 12:36	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/05/21 12:36	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

METHOD BLANK: 3350799

Matrix: Water

Associated Lab Samples: 92553563003, 92553563006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/05/21 12:36	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/05/21 12:36	
Ethylbenzene	ug/L	ND	0.50	0.30	08/05/21 12:36	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/05/21 12:36	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/05/21 12:36	
m&p-Xylene	ug/L	ND	1.0	0.71	08/05/21 12:36	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/05/21 12:36	
Methylene Chloride	ug/L	ND	2.0	2.0	08/05/21 12:36	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/05/21 12:36	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/05/21 12:36	
Naphthalene	ug/L	ND	2.0	0.64	08/05/21 12:36	
o-Xylene	ug/L	ND	0.50	0.34	08/05/21 12:36	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/05/21 12:36	
Styrene	ug/L	ND	0.50	0.29	08/05/21 12:36	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/05/21 12:36	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/05/21 12:36	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/05/21 12:36	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/05/21 12:36	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/05/21 12:36	
Toluene	ug/L	ND	0.50	0.48	08/05/21 12:36	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/05/21 12:36	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 12:36	
Trichloroethene	ug/L	ND	0.50	0.38	08/05/21 12:36	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/05/21 12:36	
Vinyl chloride	ug/L	ND	1.0	0.39	08/05/21 12:36	
1,2-Dichloroethane-d4 (S)	%	105	70-130		08/05/21 12:36	
4-Bromofluorobenzene (S)	%	102	70-130		08/05/21 12:36	
Toluene-d8 (S)	%	101	70-130		08/05/21 12:36	

LABORATORY CONTROL SAMPLE: 3350800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	52.0	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.4	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.0	96	60-140	
1,1-Dichloroethane	ug/L	50	51.8	104	60-140	
1,1-Dichloroethene	ug/L	50	53.2	106	60-140	
1,1-Dichloropropene	ug/L	50	54.3	109	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.7	105	60-140	
1,2,3-Trichloropropane	ug/L	50	44.7	89	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.2	104	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.2	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.2	92	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

LABORATORY CONTROL SAMPLE: 3350800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.0	98	60-140	
1,2-Dichlorobenzene	ug/L	50	47.5	95	60-140	
1,2-Dichloroethane	ug/L	50	50.7	101	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.5	99	60-140	
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.6	97	60-140	
2,2-Dichloropropane	ug/L	50	53.1	106	60-140	
2-Chlorotoluene	ug/L	50	48.8	98	60-140	
4-Chlorotoluene	ug/L	50	45.8	92	60-140	
Benzene	ug/L	50	50.9	102	60-140	
Bromobenzene	ug/L	50	46.4	93	60-140	
Bromochloromethane	ug/L	50	50.2	100	60-140	
Bromodichloromethane	ug/L	50	48.5	97	60-140	
Bromoform	ug/L	50	45.4	91	60-140	
Bromomethane	ug/L	50	57.1	114	60-140	
Carbon tetrachloride	ug/L	50	53.9	108	60-140	
Chlorobenzene	ug/L	50	49.4	99	60-140	
Chloroethane	ug/L	50	36.9	74	60-140	
Chloroform	ug/L	50	47.8	96	60-140	
Chloromethane	ug/L	50	45.8	92	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.9	102	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Dibromochloromethane	ug/L	50	48.8	98	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	53.3	107	60-140	
Diisopropyl ether	ug/L	50	48.0	96	60-140	
Ethanol	ug/L	2000	2130	106	60-140	
Ethyl-tert-butyl ether	ug/L	100	104	104	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.6	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.1	102	60-140	
m&p-Xylene	ug/L	100	99.6	100	60-140	
Methyl-tert-butyl ether	ug/L	50	52.3	105	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	51.3	103	60-140	
n-Propylbenzene	ug/L	50	49.6	99	60-140	
Naphthalene	ug/L	50	48.3	97	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.9	98	60-140	
Styrene	ug/L	50	49.1	98	60-140	
tert-Amyl Alcohol	ug/L	1000	1040	104	60-140	
tert-Amylmethyl ether	ug/L	100	102	102	60-140	
tert-Butyl Alcohol	ug/L	500	458	92	60-140	
tert-Butylbenzene	ug/L	50	40.7	81	60-140	
Tetrachloroethene	ug/L	50	50.5	101	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

LABORATORY CONTROL SAMPLE: 3350800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	49.3	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.0	96	60-140	
Trichloroethene	ug/L	50	51.4	103	60-140	
Trichlorofluoromethane	ug/L	50	50.4	101	60-140	
Vinyl chloride	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3350801 3350802

Parameter	Units	92553197001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<0.31	20	20	23.6	24.6	118	123	60-140	4	30	
1,1,1-Trichloroethane	ug/L	<0.33	20	20	29.1	28.8	145	144	60-140	1	30	M1
1,1,2,2-Tetrachloroethane	ug/L	<0.22	20	20	21.8	22.8	109	114	60-140	4	30	
1,1,2-Trichloroethane	ug/L	<0.32	20	20	23.6	24.8	118	124	60-140	5	30	
1,1-Dichloroethane	ug/L	<0.37	20	20	28.7	28.5	143	142	60-140	1	30	M1
1,1-Dichloroethene	ug/L	<0.35	20	20	29.9	29.6	149	148	60-140	1	30	M1
1,1-Dichloropropene	ug/L	<0.43	20	20	29.1	29.2	146	146	60-140	0	30	M1
1,2,3-Trichlorobenzene	ug/L	<0.81	20	20	23.1	26.4	116	132	60-140	13	30	
1,2,3-Trichloropropane	ug/L	<0.26	20	20	22.4	23.6	112	118	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	<0.64	20	20	24.2	25.9	121	130	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	<0.50	20	20	24.0	25.3	120	126	60-140	5	30	
1,2-Dibromo-3-chloropropane	ug/L	<0.34	20	20	20.8	22.5	104	112	60-140	8	30	
1,2-Dibromoethane (EDB)	ug/L	<0.27	20	20	23.8	24.3	119	122	60-140	2	30	
1,2-Dichlorobenzene	ug/L	<0.34	20	20	21.8	23.3	109	116	60-140	7	30	
1,2-Dichloroethane	ug/L	<0.32	20	20	26.5	26.4	133	132	60-140	1	30	
1,2-Dichloropropane	ug/L	<0.36	20	20	25.7	25.9	128	130	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	<0.33	20	20	23.8	24.8	119	124	60-140	4	30	
1,3-Dichlorobenzene	ug/L	<0.34	20	20	22.6	23.6	113	118	60-140	5	30	
1,3-Dichloropropane	ug/L	<0.28	20	20	24.0	24.6	120	123	60-140	2	30	
1,4-Dichlorobenzene	ug/L	<0.33	20	20	22.6	24.0	113	120	60-140	6	30	
2,2-Dichloropropane	ug/L	<0.39	20	20	29.4	29.5	147	147	60-140	0	30	M1
2-Chlorotoluene	ug/L	<0.32	20	20	22.9	24.2	114	121	60-140	6	30	
4-Chlorotoluene	ug/L	<0.32	20	20	21.8	22.9	109	114	60-140	5	30	
Benzene	ug/L	18.5	20	20	45.1	45.6	133	135	60-140	1	30	
Bromobenzene	ug/L	<0.29	20	20	22.2	23.4	111	117	60-140	6	30	
Bromochloromethane	ug/L	<0.47	20	20	27.6	27.8	138	139	60-140	1	30	
Bromodichloromethane	ug/L	<0.31	20	20	24.5	25.2	123	126	60-140	3	30	
Bromoform	ug/L	<0.34	20	20	21.5	22.0	107	110	60-140	3	30	
Bromomethane	ug/L	<1.7	20	20	26.6	30.7	131	152	60-140	14	30	M1
Carbon tetrachloride	ug/L	<0.33	20	20	28.8	29.3	144	146	60-140	2	30	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3350801	3350802								
		92553197001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chlorobenzene	ug/L	<0.28	20	20	23.9	24.6	120	123	60-140	3	30	
Chloroethane	ug/L	<0.65	20	20	25.8	26.2	129	131	60-140	2	30	
Chloroform	ug/L	<0.35	20	20	25.8	25.5	129	127	60-140	1	30	
Chloromethane	ug/L	<0.54	20	20	18.2	18.3	91	92	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	<0.38	20	20	27.3	27.2	137	136	60-140	0	30	
cis-1,3-Dichloropropene	ug/L	<0.36	20	20	24.3	25.3	121	126	60-140	4	30	
Dibromochloromethane	ug/L	<0.36	20	20	23.5	24.4	117	122	60-140	4	30	
Dibromomethane	ug/L	<0.39	20	20	24.4	24.6	122	123	60-140	1	30	
Dichlorodifluoromethane	ug/L	<0.35	20	20	25.3	24.8	126	124	60-140	2	30	
Diisopropyl ether	ug/L	0.34J	20	20	24.8	25.0	122	123	60-140	1	30	
Ethanol	ug/L	<72.2	800	800	1010	1050	126	131	60-140	4	30	
Ethyl-tert-butyl ether	ug/L	<3.2	40	40	51.8	52.6	129	131	60-140	1	30	
Ethylbenzene	ug/L	1.1	20	20	25.3	26.0	121	125	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	<1.5	20	20	28.1	29.8	140	149	60-140	6	30	M1
Isopropylbenzene (Cumene)	ug/L	0.78	20	20	25.5	26.5	123	129	60-140	4	30	
m&p-Xylene	ug/L	1.0J	40	40	49.3	50.7	121	124	60-140	3	30	
Methyl-tert-butyl ether	ug/L	1.5	20	20	28.2	28.6	133	135	60-140	1	30	
Methylene Chloride	ug/L	<2.0	20	20	24.1	23.9	121	119	60-140	1	30	
n-Butylbenzene	ug/L	<0.49	20	20	25.5	26.7	128	133	60-140	4	30	
n-Propylbenzene	ug/L	0.45J	20	20	24.3	25.2	119	124	60-140	3	30	
Naphthalene	ug/L	<0.64	20	20	21.2	23.7	103	115	60-140	11	30	
o-Xylene	ug/L	1.4	20	20	24.7	25.6	117	121	60-140	3	30	
sec-Butylbenzene	ug/L	0.77	20	20	25.2	26.6	122	129	60-140	5	30	
Styrene	ug/L	<0.29	20	20	23.3	24.3	117	121	60-140	4	30	
tert-Amyl Alcohol	ug/L	<36.4	400	400	498	519	122	127	60-140	4	30	
tert-Amylmethyl ether	ug/L	<2.7	40	40	51.0	52.5	124	128	60-140	3	30	
tert-Butyl Alcohol	ug/L	<26.8	200	200	227	245	114	123	60-140	8	30	
tert-Butylbenzene	ug/L	<0.32	20	20	20.1	21.1	100	106	60-140	5	30	
Tetrachloroethene	ug/L	<0.29	20	20	24.7	24.9	123	125	60-140	1	30	
Toluene	ug/L	0.61	20	20	25.4	26.1	124	127	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	<0.40	20	20	29.2	29.0	146	145	60-140	1	30	M1
trans-1,3-Dichloropropene	ug/L	<0.36	20	20	23.2	23.7	116	119	60-140	2	30	
Trichloroethene	ug/L	<0.38	20	20	27.3	27.7	136	139	60-140	2	30	
Trichlorofluoromethane	ug/L	<0.30	20	20	28.7	28.4	143	142	60-140	1	30	M1
Vinyl chloride	ug/L	<0.39	20	20	27.0	26.3	135	132	60-140	3	30	
1,2-Dichloroethane-d4 (S)	%						103	102	70-130			
4-Bromofluorobenzene (S)	%						104	100	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch:	638321	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92553563001, 92553563002, 92553563004, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014, 92553563015, 92553563017, 92553563018, 92553563019		

METHOD BLANK: 3351105

Matrix: Water

Associated Lab Samples: 92553563001, 92553563002, 92553563004, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014, 92553563015, 92553563017, 92553563018, 92553563019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/05/21 23:30	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/05/21 23:30	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/05/21 23:30	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/05/21 23:30	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/05/21 23:30	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/05/21 23:30	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/05/21 23:30	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/05/21 23:30	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/05/21 23:30	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/05/21 23:30	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/05/21 23:30	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/05/21 23:30	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/05/21 23:30	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/05/21 23:30	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/05/21 23:30	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/05/21 23:30	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/05/21 23:30	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/05/21 23:30	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/05/21 23:30	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 23:30	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/05/21 23:30	
Benzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
Bromobenzene	ug/L	ND	0.50	0.29	08/05/21 23:30	
Bromochloromethane	ug/L	ND	0.50	0.47	08/05/21 23:30	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/05/21 23:30	
Bromoform	ug/L	ND	0.50	0.34	08/05/21 23:30	
Bromomethane	ug/L	ND	5.0	1.7	08/05/21 23:30	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/05/21 23:30	
Chlorobenzene	ug/L	ND	0.50	0.28	08/05/21 23:30	
Chloroethane	ug/L	ND	1.0	0.65	08/05/21 23:30	
Chloroform	ug/L	ND	0.50	0.35	08/05/21 23:30	
Chloromethane	ug/L	ND	1.0	0.54	08/05/21 23:30	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/05/21 23:30	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 23:30	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/05/21 23:30	
Dibromomethane	ug/L	ND	0.50	0.39	08/05/21 23:30	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/05/21 23:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

METHOD BLANK: 3351105

Matrix: Water

Associated Lab Samples: 92553563001, 92553563002, 92553563004, 92553563008, 92553563009, 92553563010, 92553563011, 92553563012, 92553563013, 92553563014, 92553563015, 92553563017, 92553563018, 92553563019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	0.50	0.31	08/05/21 23:30	
Ethanol	ug/L	ND	200	72.2	08/05/21 23:30	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/05/21 23:30	
Ethylbenzene	ug/L	ND	0.50	0.30	08/05/21 23:30	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/05/21 23:30	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/05/21 23:30	
m&p-Xylene	ug/L	ND	1.0	0.71	08/05/21 23:30	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/05/21 23:30	
Methylene Chloride	ug/L	ND	2.0	2.0	08/05/21 23:30	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/05/21 23:30	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/05/21 23:30	
Naphthalene	ug/L	ND	2.0	0.64	08/05/21 23:30	
o-Xylene	ug/L	ND	0.50	0.34	08/05/21 23:30	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/05/21 23:30	
Styrene	ug/L	ND	0.50	0.29	08/05/21 23:30	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/05/21 23:30	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/05/21 23:30	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/05/21 23:30	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/05/21 23:30	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/05/21 23:30	
Toluene	ug/L	ND	0.50	0.48	08/05/21 23:30	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/05/21 23:30	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/05/21 23:30	
Trichloroethene	ug/L	ND	0.50	0.38	08/05/21 23:30	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/05/21 23:30	
Vinyl chloride	ug/L	ND	1.0	0.39	08/05/21 23:30	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/05/21 23:30	
4-Bromofluorobenzene (S)	%	104	70-130		08/05/21 23:30	
Toluene-d8 (S)	%	101	70-130		08/05/21 23:30	

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.4	103	60-140	
1,1,1-Trichloroethane	ug/L	50	54.6	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.8	96	60-140	
1,1,2-Trichloroethane	ug/L	50	49.7	99	60-140	
1,1-Dichloroethane	ug/L	50	54.5	109	60-140	
1,1-Dichloroethene	ug/L	50	55.6	111	60-140	
1,1-Dichloropropene	ug/L	50	56.3	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.3	109	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	51.0	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	49.8	100	60-140	
1,2-Dichlorobenzene	ug/L	50	50.4	101	60-140	
1,2-Dichloroethane	ug/L	50	53.4	107	60-140	
1,2-Dichloropropane	ug/L	50	51.1	102	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.2	102	60-140	
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	51.1	102	60-140	
1,4-Dichlorobenzene	ug/L	50	51.4	103	60-140	
2,2-Dichloropropane	ug/L	50	54.8	110	60-140	
2-Chlorotoluene	ug/L	50	51.8	104	60-140	
4-Chlorotoluene	ug/L	50	48.3	97	60-140	
Benzene	ug/L	50	52.3	105	60-140	
Bromobenzene	ug/L	50	49.1	98	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	50.3	101	60-140	
Bromoform	ug/L	50	46.9	94	60-140	
Bromomethane	ug/L	50	64.5	129	60-140	
Carbon tetrachloride	ug/L	50	55.9	112	60-140	
Chlorobenzene	ug/L	50	50.7	101	60-140	
Chloroethane	ug/L	50	38.3	77	60-140	
Chloroform	ug/L	50	49.7	99	60-140	
Chloromethane	ug/L	50	42.8	86	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.7	105	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.5	103	60-140	
Dibromochloromethane	ug/L	50	51.0	102	60-140	
Dibromomethane	ug/L	50	50.3	101	60-140	
Dichlorodifluoromethane	ug/L	50	52.7	105	60-140	
Diisopropyl ether	ug/L	50	50.3	101	60-140	
Ethanol	ug/L	2000	2150	108	60-140	
Ethyl-tert-butyl ether	ug/L	100	109	109	60-140	
Ethylbenzene	ug/L	50	51.3	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	49.0	98	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.3	105	60-140	
m&p-Xylene	ug/L	100	103	103	60-140	
Methyl-tert-butyl ether	ug/L	50	55.3	111	60-140	
Methylene Chloride	ug/L	50	47.0	94	60-140	
n-Butylbenzene	ug/L	50	52.0	104	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	51.0	102	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	50.4	101	60-140	
Styrene	ug/L	50	50.9	102	60-140	
tert-Amyl Alcohol	ug/L	1000	1060	106	60-140	
tert-Amylmethyl ether	ug/L	100	106	106	60-140	
tert-Butyl Alcohol	ug/L	500	474	95	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

LABORATORY CONTROL SAMPLE: 3351106

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	41.7	83	60-140	
Tetrachloroethene	ug/L	50	51.9	104	60-140	
Toluene	ug/L	50	50.7	101	60-140	
trans-1,2-Dichloroethene	ug/L	50	54.3	109	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.6	99	60-140	
Trichloroethene	ug/L	50	53.2	106	60-140	
Trichlorofluoromethane	ug/L	50	52.6	105	60-140	
Vinyl chloride	ug/L	50	51.8	104	60-140	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351107 3351108

Parameter	Units	92553563015		MS		MSD		MS	MSD	% Rec	% Rec	Limits	RPD	Max RPD	Qual
		Result	Conc.	Spike Conc.	Conc.	Result	Conc.	Result	Result						
1,1,1,2-Tetrachloroethane	ug/L	ND	200	200	200	250	218	125	109	60-140	14	30			
1,1,1-Trichloroethane	ug/L	ND	200	200	200	300	261	150	130	60-140	14	30	M1		
1,1,2,2-Tetrachloroethane	ug/L	ND	200	200	200	232	201	116	100	60-140	14	30			
1,1,2-Trichloroethane	ug/L	ND	200	200	200	255	218	128	109	60-140	16	30			
1,1-Dichloroethane	ug/L	ND	200	200	200	296	254	148	127	60-140	15	30	M1		
1,1-Dichloroethene	ug/L	ND	200	200	200	304	264	152	132	60-140	14	30	M1		
1,1-Dichloropropene	ug/L	ND	200	200	200	307	263	154	131	60-140	16	30	M1		
1,2,3-Trichlorobenzene	ug/L	ND	200	200	200	221	216	110	108	60-140	2	30			
1,2,3-Trichloropropane	ug/L	ND	200	200	200	229	198	115	99	60-140	15	30			
1,2,4-Trichlorobenzene	ug/L	ND	200	200	200	221	213	110	107	60-140	4	30			
1,2,4-Trimethylbenzene	ug/L	51.8	200	200	200	300	274	124	111	60-140	9	30			
1,2-Dibromo-3-chloropropane	ug/L	ND	200	200	200	223	188	111	94	60-140	17	30			
1,2-Dibromoethane (EDB)	ug/L	ND	200	200	200	245	213	123	106	60-140	14	30			
1,2-Dichlorobenzene	ug/L	ND	200	200	200	235	204	117	102	60-140	14	30			
1,2-Dichloroethane	ug/L	ND	200	200	200	283	244	141	122	60-140	14	30	M1		
1,2-Dichloropropane	ug/L	ND	200	200	200	268	235	134	117	60-140	13	30			
1,3,5-Trimethylbenzene	ug/L	13.8	200	200	200	261	235	123	111	60-140	10	30			
1,3-Dichlorobenzene	ug/L	ND	200	200	200	233	208	117	104	60-140	11	30			
1,3-Dichloropropane	ug/L	ND	200	200	200	253	217	126	108	60-140	15	30			
1,4-Dichlorobenzene	ug/L	ND	200	200	200	239	211	119	105	60-140	12	30			
2,2-Dichloropropane	ug/L	ND	200	200	200	243	209	122	104	60-140	15	30			
2-Chlorotoluene	ug/L	ND	200	200	200	250	220	125	110	60-140	13	30			
4-Chlorotoluene	ug/L	ND	200	200	200	231	207	115	104	60-140	11	30			
Benzene	ug/L	1920	200	200	200	2180	2210	129	146	60-140	2	30	E, M1		
Bromobenzene	ug/L	ND	200	200	200	241	208	120	104	60-140	14	30			
Bromochloromethane	ug/L	ND	200	200	200	287	250	144	125	60-140	14	30	M1		
Bromodichloromethane	ug/L	ND	200	200	200	259	227	129	113	60-140	13	30			
Bromoform	ug/L	ND	200	200	200	216	186	108	93	60-140	15	30			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351107 3351108											
Parameter	Units	92553563015		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
											RPD
Bromomethane	ug/L	ND	200	200	200	383	333	191	166	60-140	14
Carbon tetrachloride	ug/L	ND	200	200	200	303	267	151	134	60-140	12
Chlorobenzene	ug/L	ND	200	200	200	253	223	126	112	60-140	13
Chloroethane	ug/L	ND	200	200	200	275	240	137	120	60-140	14
Chloroform	ug/L	ND	200	200	200	271	235	134	116	60-140	14
Chloromethane	ug/L	ND	200	200	200	220	204	110	102	60-140	8
cis-1,2-Dichloroethene	ug/L	ND	200	200	200	288	248	144	124	60-140	15
cis-1,3-Dichloropropene	ug/L	ND	200	200	200	246	215	123	108	60-140	13
Dibromochloromethane	ug/L	ND	200	200	200	245	209	122	105	60-140	16
Dibromomethane	ug/L	ND	200	200	200	250	223	125	112	60-140	11
Dichlorodifluoromethane	ug/L	ND	200	200	200	253	219	127	110	60-140	15
Diisopropyl ether	ug/L	302	200	200	200	585	539	142	119	60-140	8
Ethanol	ug/L	ND	8000	8000	8000	10700	9490	133	119	60-140	12
Ethyl-tert-butyl ether	ug/L	ND	400	400	400	563	480	141	120	60-140	16
Ethylbenzene	ug/L	150	200	200	200	412	379	131	115	60-140	8
Hexachloro-1,3-butadiene	ug/L	ND	200	200	200	246	229	123	115	60-140	7
Isopropylbenzene (Cumene)	ug/L	3.9J	200	200	200	258	229	127	112	60-140	12
m&p-Xylene	ug/L	557	400	400	400	1080	1020	130	115	60-140	6
Methyl-tert-butyl ether	ug/L	134	200	200	200	428	387	147	127	60-140	10
Methylene Chloride	ug/L	ND	200	200	200	263	226	131	113	60-140	15
n-Butylbenzene	ug/L	ND	200	200	200	235	218	118	109	60-140	7
n-Propylbenzene	ug/L	7.0	200	200	200	250	225	121	109	60-140	11
Naphthalene	ug/L	18.1J	200	200	200	233	217	107	100	60-140	7
o-Xylene	ug/L	335	200	200	200	589	563	127	114	60-140	4
sec-Butylbenzene	ug/L	ND	200	200	200	240	223	120	111	60-140	8
Styrene	ug/L	ND	200	200	200	248	214	124	107	60-140	14
tert-Amyl Alcohol	ug/L	ND	4000	4000	4000	5300	4830	128	116	60-140	9
tert-Amylmethyl ether	ug/L	50.4J	400	400	400	583	510	133	115	60-140	13
tert-Butyl Alcohol	ug/L	ND	2000	2000	2000	3150	2790	157	139	60-140	12
tert-Butylbenzene	ug/L	ND	200	200	200	204	186	102	93	60-140	9
Tetrachloroethene	ug/L	ND	200	200	200	246	218	123	109	60-140	12
Toluene	ug/L	494	200	200	200	754	738	130	122	60-140	2
trans-1,2-Dichloroethene	ug/L	ND	200	200	200	296	258	148	129	60-140	14
trans-1,3-Dichloropropene	ug/L	ND	200	200	200	230	202	115	101	60-140	13
Trichloroethene	ug/L	ND	200	200	200	279	250	139	125	60-140	11
Trichlorofluoromethane	ug/L	ND	200	200	200	295	258	148	129	60-140	14
Vinyl chloride	ug/L	ND	200	200	200	277	237	139	119	60-140	15
1,2-Dichloroethane-d4 (S)	%							106	102	70-130	
4-Bromofluorobenzene (S)	%							102	102	70-130	
Toluene-d8 (S)	%							98	99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

QC Batch: 638624

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553563005, 92553563007, 92553563016

METHOD BLANK: 3352687

Matrix: Water

Associated Lab Samples: 92553563005, 92553563007, 92553563016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/06/21 12:48	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/06/21 12:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/06/21 12:48	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/06/21 12:48	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/06/21 12:48	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/06/21 12:48	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/06/21 12:48	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/06/21 12:48	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/06/21 12:48	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/06/21 12:48	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/06/21 12:48	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/06/21 12:48	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/06/21 12:48	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/06/21 12:48	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/06/21 12:48	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/06/21 12:48	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/06/21 12:48	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/06/21 12:48	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/06/21 12:48	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/06/21 12:48	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/06/21 12:48	
Benzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
Bromobenzene	ug/L	ND	0.50	0.29	08/06/21 12:48	
Bromochloromethane	ug/L	ND	0.50	0.47	08/06/21 12:48	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/06/21 12:48	
Bromoform	ug/L	ND	0.50	0.34	08/06/21 12:48	
Bromomethane	ug/L	ND	5.0	1.7	08/06/21 12:48	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/06/21 12:48	
Chlorobenzene	ug/L	ND	0.50	0.28	08/06/21 12:48	
Chloroethane	ug/L	ND	1.0	0.65	08/06/21 12:48	
Chloroform	ug/L	ND	0.50	0.35	08/06/21 12:48	
Chloromethane	ug/L	ND	1.0	0.54	08/06/21 12:48	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/06/21 12:48	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/06/21 12:48	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/06/21 12:48	
Dibromomethane	ug/L	ND	0.50	0.39	08/06/21 12:48	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/06/21 12:48	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/06/21 12:48	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

METHOD BLANK: 3352687

Matrix: Water

Associated Lab Samples: 92553563005, 92553563007, 92553563016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/06/21 12:48	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/06/21 12:48	
Ethylbenzene	ug/L	ND	0.50	0.30	08/06/21 12:48	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/06/21 12:48	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/06/21 12:48	
m&p-Xylene	ug/L	ND	1.0	0.71	08/06/21 12:48	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/06/21 12:48	
Methylene Chloride	ug/L	ND	2.0	2.0	08/06/21 12:48	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/06/21 12:48	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/06/21 12:48	
Naphthalene	ug/L	ND	2.0	0.64	08/06/21 12:48	
o-Xylene	ug/L	ND	0.50	0.34	08/06/21 12:48	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/06/21 12:48	
Styrene	ug/L	ND	0.50	0.29	08/06/21 12:48	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/06/21 12:48	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/06/21 12:48	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/06/21 12:48	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/06/21 12:48	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/06/21 12:48	
Toluene	ug/L	ND	0.50	0.48	08/06/21 12:48	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/06/21 12:48	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/06/21 12:48	
Trichloroethene	ug/L	ND	0.50	0.38	08/06/21 12:48	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/06/21 12:48	
Vinyl chloride	ug/L	ND	1.0	0.39	08/06/21 12:48	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/06/21 12:48	
4-Bromofluorobenzene (S)	%	104	70-130		08/06/21 12:48	
Toluene-d8 (S)	%	102	70-130		08/06/21 12:48	

LABORATORY CONTROL SAMPLE: 3352688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	60-140	
1,1,1-Trichloroethane	ug/L	50	55.7	111	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.5	95	60-140	
1,1,2-Trichloroethane	ug/L	50	50.4	101	60-140	
1,1-Dichloroethane	ug/L	50	56.0	112	60-140	
1,1-Dichloroethene	ug/L	50	57.7	115	60-140	
1,1-Dichloropropene	ug/L	50	57.8	116	60-140	
1,2,3-Trichlorobenzene	ug/L	50	55.2	110	60-140	
1,2,3-Trichloropropane	ug/L	50	48.9	98	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.5	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.9	102	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	60-140	

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

LABORATORY CONTROL SAMPLE: 3352688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	49.7	99	60-140	
1,2-Dichloroethane	ug/L	50	54.3	109	60-140	
1,2-Dichloropropane	ug/L	50	52.2	104	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.8	104	60-140	
1,3-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,3-Dichloropropane	ug/L	50	50.8	102	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	54.6	109	60-140	
2-Chlorotoluene	ug/L	50	51.1	102	60-140	
4-Chlorotoluene	ug/L	50	47.9	96	60-140	
Benzene	ug/L	50	53.3	107	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.7	109	60-140	
Bromodichloromethane	ug/L	50	51.3	103	60-140	
Bromoform	ug/L	50	46.7	93	60-140	
Bromomethane	ug/L	50	68.5	137	60-140	
Carbon tetrachloride	ug/L	50	57.6	115	60-140	
Chlorobenzene	ug/L	50	50.7	101	60-140	
Chloroethane	ug/L	50	43.0	86	60-140	
Chloroform	ug/L	50	50.3	101	60-140	
Chloromethane	ug/L	50	52.9	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	54.5	109	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.2	104	60-140	
Dibromochloromethane	ug/L	50	51.0	102	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	60.6	121	60-140	
Diisopropyl ether	ug/L	50	50.9	102	60-140	
Ethanol	ug/L	2000	2060	103	60-140	
Ethyl-tert-butyl ether	ug/L	100	110	110	60-140	
Ethylbenzene	ug/L	50	51.6	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	52.5	105	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.4	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	55.0	110	60-140	
Methylene Chloride	ug/L	50	47.8	96	60-140	
n-Butylbenzene	ug/L	50	52.8	106	60-140	
n-Propylbenzene	ug/L	50	50.8	102	60-140	
Naphthalene	ug/L	50	50.7	101	60-140	
o-Xylene	ug/L	50	50.2	100	60-140	
sec-Butylbenzene	ug/L	50	51.2	102	60-140	
Styrene	ug/L	50	49.9	100	60-140	
tert-Amyl Alcohol	ug/L	1000	1040	104	60-140	
tert-Amylmethyl ether	ug/L	100	107	107	60-140	
tert-Butyl Alcohol	ug/L	500	463	93	60-140	
tert-Butylbenzene	ug/L	50	42.4	85	60-140	
Tetrachloroethene	ug/L	50	51.7	103	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

LABORATORY CONTROL SAMPLE: 3352688

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	52.0	104	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.8	112	60-140	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	60-140	
Trichloroethene	ug/L	50	54.5	109	60-140	
Trichlorofluoromethane	ug/L	50	55.1	110	60-140	
Vinyl chloride	ug/L	50	55.1	110	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352689 3352690

Parameter	Units	92553467015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	2000	2000	2020	2050	101	103	60-140	1	30	
1,1,1-Trichloroethane	ug/L	ND	2000	2000	2480	2480	124	124	60-140	0	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	2000	2000	1810	1870	91	94	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	2000	2000	1980	1990	99	100	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	2000	2000	2420	2400	121	120	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	2000	2000	2550	2510	127	126	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	2000	2000	2540	2530	127	127	60-140	0	30	
1,2,3-Trichlorobenzene	ug/L	ND	2000	2000	1860	2030	93	102	60-140	9	30	
1,2,3-Trichloropropane	ug/L	ND	2000	2000	1880	1930	94	97	60-140	3	30	
1,2,4-Trichlorobenzene	ug/L	ND	2000	2000	1890	2010	94	100	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	1830	2000	2000	3800	3840	99	100	60-140	1	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	2000	2000	1730	1760	86	88	60-140	2	30	
1,2-Dibromoethane (EDB)	ug/L	ND	2000	2000	1960	1990	98	99	60-140	1	30	
1,2-Dichlorobenzene	ug/L	ND	2000	2000	1910	1950	96	97	60-140	2	30	
1,2-Dichloroethane	ug/L	34.5J	2000	2000	2320	2330	114	115	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	2000	2000	2170	2160	109	108	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	2000	2000	2520	2520	126	126	60-140	0	30	
1,3-Dichlorobenzene	ug/L	ND	2000	2000	1950	1990	98	100	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	2000	2000	1980	2040	99	102	60-140	3	30	
1,4-Dichlorobenzene	ug/L	ND	2000	2000	1990	2020	100	101	60-140	1	30	
2,2-Dichloropropane	ug/L	ND	2000	2000	2280	2270	114	114	60-140	0	30	
2-Chlorotoluene	ug/L	ND	2000	2000	2130	2060	106	103	60-140	3	30	
4-Chlorotoluene	ug/L	ND	2000	2000	1920	1960	96	98	60-140	2	30	
Benzene	ug/L	2290	2000	2000	4560	4500	113	111	60-140	1	30	
Bromobenzene	ug/L	ND	2000	2000	1950	1970	97	99	60-140	1	30	
Bromochloromethane	ug/L	ND	2000	2000	2320	2390	116	120	60-140	3	30	
Bromodichloromethane	ug/L	ND	2000	2000	2110	2090	105	105	60-140	1	30	
Bromoform	ug/L	ND	2000	2000	1720	1760	86	88	60-140	2	30	
Bromomethane	ug/L	ND	2000	2000	2940	3010	147	151	60-140	3	30	M1
Carbon tetrachloride	ug/L	ND	2000	2000	2500	2490	125	124	60-140	0	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352689 3352690											
Parameter	Units	92553467015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/L	ND	2000	2000	2080	2120	104	106	60-140	2	30
Chloroethane	ug/L	ND	2000	2000	2380	2330	119	117	60-140	2	30
Chloroform	ug/L	ND	2000	2000	2160	2220	107	110	60-140	3	30
Chloromethane	ug/L	ND	2000	2000	1840	1880	92	94	60-140	2	30
cis-1,2-Dichloroethene	ug/L	ND	2000	2000	2360	2320	118	116	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	2000	2000	2040	2020	102	101	60-140	1	30
Dibromochloromethane	ug/L	ND	2000	2000	1950	1970	98	98	60-140	1	30
Dibromomethane	ug/L	ND	2000	2000	2010	2060	101	103	60-140	2	30
Dichlorodifluoromethane	ug/L	ND	2000	2000	2390	2270	119	114	60-140	5	30
Diisopropyl ether	ug/L	ND	2000	2000	2110	2070	105	104	60-140	2	30
Ethanol	ug/L	ND	80000	80000	81400	82100	102	103	60-140	1	30
Ethyl-tert-butyl ether	ug/L	ND	4000	4000	4480	4430	112	111	60-140	1	30
Ethylbenzene	ug/L	2620	2000	2000	4700	4710	104	105	60-140	0	30
Hexachloro-1,3-butadiene	ug/L	ND	2000	2000	2020	2190	101	109	60-140	8	30
Isopropylbenzene (Cumene)	ug/L	93.7	2000	2000	2260	2270	108	109	60-140	0	30
m&p-Xylene	ug/L	8530	4000	4000	12500	12600	100	101	60-140	1	30
Methyl-tert-butyl ether	ug/L	324	2000	2000	2640	2650	116	117	60-140	1	30
Methylene Chloride	ug/L	ND	2000	2000	2180	2120	109	106	60-140	3	30
n-Butylbenzene	ug/L	ND	2000	2000	2040	2120	102	106	60-140	4	30
n-Propylbenzene	ug/L	ND	2000	2000	2310	2320	115	116	60-140	0	30
Naphthalene	ug/L	603	2000	2000	2340	2500	87	95	60-140	6	30
o-Xylene	ug/L	3760	2000	2000	5710	5750	97	99	60-140	1	30
sec-Butylbenzene	ug/L	ND	2000	2000	2030	2080	102	104	60-140	2	30
Styrene	ug/L	36.8J	2000	2000	2050	2090	101	103	60-140	2	30
tert-Amyl Alcohol	ug/L	5960J	40000	40000	44000	46000	95	100	60-140	4	30
tert-Amylmethyl ether	ug/L	ND	4000	4000	4240	4240	106	106	60-140	0	30
tert-Butyl Alcohol	ug/L	ND	20000	20000	17500	18400	88	92	60-140	5	30
tert-Butylbenzene	ug/L	ND	2000	2000	1700	1760	85	88	60-140	3	30
Tetrachloroethene	ug/L	ND	2000	2000	2120	2150	106	108	60-140	2	30
Toluene	ug/L	11800	2000	2000	13700	13500	95	86	60-140	1	30
trans-1,2-Dichloroethene	ug/L	ND	2000	2000	2450	2420	123	121	60-140	1	30
trans-1,3-Dichloropropene	ug/L	ND	2000	2000	1910	1910	96	96	60-140	0	30
Trichloroethene	ug/L	ND	2000	2000	2350	2320	118	116	60-140	1	30
Trichlorofluoromethane	ug/L	ND	2000	2000	2510	2460	125	123	60-140	2	30
Vinyl chloride	ug/L	ND	2000	2000	2300	2280	115	114	60-140	1	30
1,2-Dichloroethane-d4 (S)	%						104	104	70-130		
4-Bromofluorobenzene (S)	%						103	102	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553563001	MW-20	MADEP VPH	638369		
92553563002	MW-89	MADEP VPH	638444		
92553563003	MW-09	MADEP VPH	638444		
92553563004	MW-25	MADEP VPH	638444		
92553563005	MW-30	MADEP VPH	638444		
92553563006	MW-56	MADEP VPH	638444		
92553563007	MW-69	MADEP VPH	638444		
92553563008	MW-88	MADEP VPH	638444		
92553563009	MW-57	MADEP VPH	638444		
92553563010	MW-41	MADEP VPH	638444		
92553563011	MW-61D	MADEP VPH	638444		
92553563012	MW-06	MADEP VPH	638444		
92553563013	MW-87	MADEP VPH	638444		
92553563014	MW-34	MADEP VPH	638444		
92553563015	MW-38	MADEP VPH	638691		
92553563016	DUP-2-20210804	MADEP VPH	638444		
92553563017	EB-2-20210804	MADEP VPH	638444		
92553563018	FB-2-20210804	MADEP VPH	638444		
92553563001	MW-20	EPA 3010A	638971	EPA 6010D	639042
92553563002	MW-89	EPA 3010A	638971	EPA 6010D	639042
92553563003	MW-09	EPA 3010A	638971	EPA 6010D	639042
92553563004	MW-25	EPA 3010A	638971	EPA 6010D	639042
92553563005	MW-30	EPA 3010A	638971	EPA 6010D	639042
92553563006	MW-56	EPA 3010A	638971	EPA 6010D	639042
92553563007	MW-69	EPA 3010A	638971	EPA 6010D	639042
92553563008	MW-88	EPA 3010A	638971	EPA 6010D	639042
92553563009	MW-57	EPA 3010A	638971	EPA 6010D	639042
92553563010	MW-41	EPA 3010A	638971	EPA 6010D	639042
92553563011	MW-61D	EPA 3010A	638971	EPA 6010D	639042
92553563012	MW-06	EPA 3010A	638971	EPA 6010D	639042
92553563013	MW-87	EPA 3010A	638971	EPA 6010D	639042
92553563014	MW-34	EPA 3010A	638971	EPA 6010D	639042
92553563015	MW-38	EPA 3010A	638971	EPA 6010D	639042
92553563016	DUP-2-20210804	EPA 3010A	638971	EPA 6010D	639042
92553563017	EB-2-20210804	EPA 3010A	638971	EPA 6010D	639042
92553563001	MW-20	6200B-2011	1723365	SM 6200B	1723365
92553563002	MW-89	6200B-2011	1723365	SM 6200B	1723365
92553563003	MW-09	6200B-2011	1723365	SM 6200B	1723365
92553563004	MW-25	6200B-2011	1723365	SM 6200B	1723365
92553563005	MW-30	6200B-2011	1723365	SM 6200B	1723365
92553563006	MW-56	6200B-2011	1723365	SM 6200B	1723365
92553563007	MW-69	6200B-2011	1723365	SM 6200B	1723365
92553563008	MW-88	6200B-2011	1723365	SM 6200B	1723365
92553563009	MW-57	6200B-2011	1723365	SM 6200B	1723365
92553563010	MW-41	6200B-2011	1723365	SM 6200B	1723365
92553563011	MW-61D	6200B-2011	1723365	SM 6200B	1723365

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC HUNTERSVILLE 60639876

Pace Project No.: 92553563

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553563012	MW-06	6200B-2011	1723365	SM 6200B	1723365
92553563013	MW-87	6200B-2011	1723365	SM 6200B	1723365
92553563014	MW-34	6200B-2011	1723365	SM 6200B	1723365
92553563015	MW-38	6200B-2011	1723366	SM 6200B	1723366
92553563016	DUP-2-20210804	6200B-2011	1723366	SM 6200B	1723366
92553563017	EB-2-20210804	6200B-2011	1723366	SM 6200B	1723366
92553563018	FB-2-20210804	6200B-2011	1723366	SM 6200B	1723366
92553563001	MW-20	SM 6200B	638321		
92553563002	MW-89	SM 6200B	638321		
92553563003	MW-09	SM 6200B	638273		
92553563004	MW-25	SM 6200B	638321		
92553563005	MW-30	SM 6200B	638624		
92553563006	MW-56	SM 6200B	638273		
92553563007	MW-69	SM 6200B	638624		
92553563008	MW-88	SM 6200B	638321		
92553563009	MW-57	SM 6200B	638321		
92553563010	MW-41	SM 6200B	638321		
92553563011	MW-61D	SM 6200B	638321		
92553563012	MW-06	SM 6200B	638321		
92553563013	MW-87	SM 6200B	638321		
92553563014	MW-34	SM 6200B	638321		
92553563015	MW-38	SM 6200B	638321		
92553563016	DUP-2-20210804	SM 6200B	638624		
92553563017	EB-2-20210804	SM 6200B	638321		
92553563018	FB-2-20210804	SM 6200B	638321		
92553563019	TRIP BLANK	SM 6200B	638321		

REPORT OF LABORATORY ANALYSIS

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

Project #:

WO# : 92553563



92553563

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other: _____

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials-Person-Examining-Contents: 11-28-21

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer:

☒ IR Gun ID: 92T064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Cooler Temp: 4.0, 2.8 Correction Factor: 3.8, 2.2
Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

			Comments/Discrepancy:
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.	
Samples Arrived within Hold Time?	☐ Yes ☐ No ☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.	
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.	
Sufficient Volume?	☐ Yes ☐ No ☐ N/A	5.	
Correct Containers Used?	☐ Yes ☐ No ☐ N/A	6.	
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A		
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☒ N/A	8.	
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>			
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.	
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.	
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92553563

PM: BV

Due Date: 08/11/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																✓		3										
2																✓		3										
3																✓		3										
4																✓		3										
5																✓		3										
6																✓		3										
7																✓		3										
8																✓		3										
9																✓		3										
10																✓		3										
11																✓		3										
12																✓		3										

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

W0# : 92553563

PM: BV

Due Date: 08/11/21

CLIENT: 92-AECOM CHA

Item#																														
	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)																													
	BP3U-250 mL Plastic Unpreserved (N/A)																													
	BP2U-500 mL Plastic Unpreserved (N/A)																													
	BP1U-1 liter Plastic Unpreserved (N/A)																													
	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)																													
	BP3N-250 mL plastic HNO3 (pH < 2)																													
	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)																													
	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)																													
	WGFU-Wide-mouthed Glass jar Unpreserved																													
	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)																													
	AG1H-1 liter Amber HCl (pH < 2)																													
	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)																													
	AG1S-1 liter Amber H2SO4 (pH < 2)																													
	AG3S-250 mL Amber H2SO4 (pH < 2)																													
	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)																													
	DG9H-40 mL VOA HCl (N/A)																													
	VG9T-40 mL VOA Na2S2O3 (N/A)																													
	VG9U-40 mL VOA Unp (N/A)																													
	DG9P-40 mL VOA H3PO4 (N/A)																													
	VOAK (6 vials per kit)-5035 kit (N/A)																													
	V/GK (3 vials per kit)-VPH/Gas kit (N/A)																													
	SP5T-125 mL Sterile Plastic (N/A - lab)																													
	SP2T-250 mL Sterile Plastic (N/A - lab)																													
	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)																													
	AG0U-100 mL Amber Unpreserved vials (N/A)																													
	V5GU-20 mL Scintillation vials (N/A)																													
	DG9U-40 mL Amber Unpreserved vials (N/A)																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.



www.pacelabs.com

Section A
Required Client Information:

Section B
Required Project Information:

Section C
Invoice Information:

Page : 1 Of 2

Company:	AECOM	Report To:	Andy Wreschnig	Attention:	
Address:	6000 Fairview Road	Copy To:		Company Name:	
	Suite 200, Charlotte, NC 28210			Address:	
Email:	andrew.wreschnig@aecom.com	Purchase Order #:		Pace Quote:	60639876
Phone:	(704) 716-0757	Project Name:	CPC Huntersville-60639876	Pace Project Manager:	bonnie.vang@pacelabs.com
Requested Due Date:		Project #:		Pace Profile #:	8458

ITEM #		SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample IDs must be unique		MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue		CODE DW WT WW P SL OL WP AR OT TS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
MATRIX CODE (see valid codes to left)		SAMPLE TYPE (G=GRAB C=COMP)		COLLECTED		# OF CONTAINERS		Preservatives		Analyses Test		Y/N		Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
DATE		TIME		DATE		TIME		Unpreserved		H2SO4		HNO3		HCl		NaOH		Na2S2O3		Methanol		Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1	MW-20	WT	G	8/14/21	0940			11	3	1	7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

August 18, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville-60639876
Pace Project No.: 92554137

Dear Andrew Wreschnig:

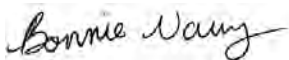
Enclosed are the analytical results for sample(s) received by the laboratory on August 05, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CPC Huntersville-60639876
Pace Project No.: 92554137

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification #: 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification #: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LA000356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Mold Certification #: LAB0152
Texas Certification #: T 104704245-17-14
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification #: LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554137001	MW-01	Water	08/05/21 14:40	08/05/21 17:20
92554137002	MW-03	Water	08/05/21 14:05	08/05/21 17:20
92554137003	MW-07	Water	08/05/21 13:10	08/05/21 17:20
92554137004	MW-07D	Water	08/05/21 12:00	08/05/21 17:20
92554137005	MW-27	Water	08/05/21 11:15	08/05/21 17:20
92554137006	MW-29	Water	08/05/21 11:35	08/05/21 17:20
92554137007	MW-32	Water	08/05/21 14:20	08/05/21 17:20
92554137008	MW-33	Water	08/05/21 08:25	08/05/21 17:20
92554137009	MW-35	Water	08/05/21 10:15	08/05/21 17:20
92554137010	MW-43	Water	08/05/21 10:25	08/05/21 17:20
92554137011	MW-52	Water	08/05/21 12:30	08/05/21 17:20
92554137012	MW-53	Water	08/05/21 10:25	08/05/21 17:20
92554137013	MW-54	Water	08/05/21 12:30	08/05/21 17:20
92554137014	MW-57D	Water	08/05/21 10:25	08/05/21 17:20
92554137015	MW-58	Water	08/05/21 10:00	08/05/21 17:20
92554137016	MW-59	Water	08/05/21 11:20	08/05/21 17:20
92554137017	MW-63	Water	08/05/21 09:30	08/05/21 17:20
92554137018	MW-71	Water	08/05/21 10:08	08/05/21 17:20
92554137019	MW-92	Water	08/05/21 12:03	08/05/21 17:20
92554137020	MW-93	Water	08/05/21 14:20	08/05/21 17:20
92554137021	DUP-1-20210805	Water	08/05/21 00:00	08/05/21 17:20
92554137022	DUP-2-20210805	Water	08/05/21 00:00	08/05/21 17:20
92554137023	EB-1-20210805	Water	08/05/21 12:45	08/05/21 17:20
92554137024	EB-2-20210805	Water	08/05/21 12:20	08/05/21 17:20
92554137025	FB-1-20210805	Water	08/05/21 11:00	08/05/21 17:20
92554137026	FB-2-20210805	Water	08/05/21 15:00	08/05/21 17:20
92554137027	Trip Blank	Water	08/05/21 00:00	08/05/21 17:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554137001	MW-01	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137002	MW-03	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137003	MW-07	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137004	MW-07D	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137005	MW-27	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137006	MW-29	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137007	MW-32	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137008	MW-33	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137009	MW-35	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137010	MW-43	MADEP VPH	MAD	6	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554137011	MW-52	EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
92554137012	MW-53	SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
92554137013	MW-54	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137014	MW-57D	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92554137015	MW-58	EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
92554137016	MW-59	SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
92554137017	MW-63	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137018	MW-71	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92554137019	MW-92	EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554137020	MW-93	SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
92554137021	DUP-1-20210805	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137022	DUP-2-20210805	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92554137023	EB-1-20210805	EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
92554137024	EB-2-20210805	SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	ACG	4	PAN
92554137025	FB-1-20210805	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92554137026	FB-2-20210805	SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554137027	Trip Blank	SM 6200B	PM1	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-01		Lab ID: 92554137001		Collected: 08/05/21 14:40		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/06/21 23:40		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/06/21 23:40		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/06/21 23:40		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/06/21 23:40		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/06/21 23:40	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/06/21 23:40	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	10.3	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:52	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 08:04	08/16/21 08:04	71-36-3	
Surrogates									
Toluene-d8 (S)	93.3	%	80.0-120		1	08/16/21 08:04	08/16/21 08:04	2037-26-5	
4-Bromofluorobenzene (S)	87.9	%	77.0-126		1	08/16/21 08:04	08/16/21 08:04	460-00-4	
1,2-Dichloroethane-d4 (S)	97.8	%	70.0-130		1	08/16/21 08:04	08/16/21 08:04	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 14:39	75-85-4	M1
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 14:39	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 14:39	71-43-2	M1
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 14:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 14:39	74-97-5	M1
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 14:39	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 14:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 14:39	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 14:39	75-65-0	M1
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 14:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 14:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 14:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 14:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 14:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 14:39	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 14:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 14:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 14:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 14:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 14:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 14:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 14:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 14:39	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-01		Lab ID: 92554137001		Collected: 08/05/21 14:40		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 14:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 14:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 14:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 14:39	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 14:39	75-34-3	M1
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 14:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 14:39	75-35-4	M1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 14:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 14:39	156-60-5	M1
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 14:39	78-87-5	M1
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 14:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 14:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 14:39	563-58-6	M1
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 14:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 14:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 14:39	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 14:39	64-17-5	M1
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 14:39	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 14:39	637-92-3	M1
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 14:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 14:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 14:39	75-09-2	M1
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 14:39	1634-04-4	M1
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 14:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 14:39	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 14:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 14:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 14:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 14:39	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 14:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 14:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 14:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 14:39	71-55-6	M1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 14:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 14:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 14:39	75-69-4	M1
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 14:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 14:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 14:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 14:39	75-01-4	M1
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 14:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 14:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 14:39	17060-07-0	
4-Bromofluorobenzene (S)	106	%	70-130		1		08/09/21 14:39	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-01		Lab ID: 92554137001		Collected: 08/05/21 14:40		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	103	%	70-130		1		08/09/21 14:39	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-03		Lab ID: 92554137002		Collected: 08/05/21 14:05		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/07/21 00:09		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/07/21 00:09		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/07/21 00:09		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/07/21 00:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/07/21 00:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/07/21 00:09	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:55	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 08:25	08/16/21 08:25	71-36-3	
Surrogates									
Toluene-d8 (S)	93.6	%	80.0-120		1	08/16/21 08:25	08/16/21 08:25	2037-26-5	
4-Bromofluorobenzene (S)	84.7	%	77.0-126		1	08/16/21 08:25	08/16/21 08:25	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 08:25	08/16/21 08:25	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 14:57	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 14:57	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 14:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 14:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 14:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 14:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 14:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 14:57	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 14:57	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 14:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 14:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 14:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 14:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 14:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 14:57	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 14:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 14:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 14:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 14:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 14:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 14:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 14:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 14:57	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-03		Lab ID: 92554137002		Collected: 08/05/21 14:05		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 14:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 14:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 14:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 14:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 14:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 14:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 14:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 14:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 14:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 14:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 14:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 14:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 14:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 14:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 14:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 14:57	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 14:57	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 14:57	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 14:57	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 14:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 14:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 14:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 14:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 14:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 14:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 14:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 14:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 14:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 14:57	127-18-4	
Toluene	0.55	ug/L	0.50	0.48	1		08/09/21 14:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 14:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 14:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 14:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 14:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 14:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 14:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 14:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 14:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 14:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 14:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 14:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 14:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		08/09/21 14:57	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/09/21 14:57	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-03		Lab ID: 92554137002		Collected: 08/05/21 14:05		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/09/21 14:57	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-07		Lab ID: 92554137003		Collected: 08/05/21 13:10		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	67.4	ug/L	50.0	50.0	1		08/07/21 00:37		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/07/21 00:37		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/07/21 00:37		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/07/21 00:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/07/21 00:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/07/21 00:37	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 05:58	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 08:45	08/16/21 08:45	71-36-3	
Surrogates									
Toluene-d8 (S)	92.3	%	80.0-120		1	08/16/21 08:45	08/16/21 08:45	2037-26-5	
4-Bromofluorobenzene (S)	88.1	%	77.0-126		1	08/16/21 08:45	08/16/21 08:45	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130		1	08/16/21 08:45	08/16/21 08:45	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 15:15	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 15:15	994-05-8	
Benzene	0.79	ug/L	0.50	0.34	1		08/09/21 15:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 15:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 15:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 15:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 15:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 15:15	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 15:15	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 15:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 15:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 15:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 15:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 15:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 15:15	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 15:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 15:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 15:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 15:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 15:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 15:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 15:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 15:15	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-07		Lab ID: 92554137003		Collected: 08/05/21 13:10		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 15:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 15:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 15:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 15:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 15:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 15:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 15:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 15:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 15:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 15:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 15:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 15:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 15:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 15:15	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 15:15	64-17-5	
Ethylbenzene	1.4	ug/L	0.50	0.30	1		08/09/21 15:15	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 15:15	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 15:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 15:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 15:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 15:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 15:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 15:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 15:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 15:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 15:15	127-18-4	
Toluene	8.3	ug/L	0.50	0.48	1		08/09/21 15:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 15:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 15:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 15:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 15:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 15:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 15:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 15:15	96-18-4	
1,2,4-Trimethylbenzene	0.79	ug/L	0.50	0.50	1		08/09/21 15:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 15:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 15:15	75-01-4	
m&p-Xylene	5.0	ug/L	1.0	0.71	1		08/09/21 15:15	179601-23-1	
o-Xylene	2.7	ug/L	0.50	0.34	1		08/09/21 15:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 15:15	17060-07-0	
4-Bromofluorobenzene (S)	106	%	70-130		1		08/09/21 15:15	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-07		Lab ID: 92554137003		Collected: 08/05/21 13:10		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/09/21 15:15	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-07D Lab ID: 92554137004 Collected: 08/05/21 12:00 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/07/21 01:06		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/07/21 01:06		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/07/21 01:06		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/07/21 01:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		08/07/21 01:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	110	%	70-130		1		08/07/21 01:06	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 21:16	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 09:06	08/16/21 09:06	71-36-3	
Surrogates									
Toluene-d8 (S)	93.3	%	80.0-120		1	08/16/21 09:06	08/16/21 09:06	2037-26-5	
4-Bromofluorobenzene (S)	89.2	%	77.0-126		1	08/16/21 09:06	08/16/21 09:06	460-00-4	
1,2-Dichloroethane-d4 (S)	99.9	%	70.0-130		1	08/16/21 09:06	08/16/21 09:06	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 15:32	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 15:32	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 15:32	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 15:32	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 15:32	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 15:32	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 15:32	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 15:32	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 15:32	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 15:32	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 15:32	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 15:32	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 15:32	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 15:32	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 15:32	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 15:32	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 15:32	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 15:32	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 15:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 15:32	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 15:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 15:32	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 15:32	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-07D Lab ID: 92554137004 Collected: 08/05/21 12:00 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 15:32	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 15:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 15:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 15:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 15:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 15:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 15:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 15:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 15:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 15:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 15:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 15:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 15:32	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 15:32	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 15:32	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 15:32	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 15:32	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 15:32	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 15:32	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 15:32	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 15:32	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 15:32	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:32	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 15:32	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 15:32	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 15:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 15:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 15:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 15:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 15:32	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 15:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 15:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 15:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 15:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 15:32	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 15:32	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 15:32	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 15:32	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		08/09/21 15:32	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/09/21 15:32	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-07D		Lab ID: 92554137004		Collected: 08/05/21 12:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	103	%	70-130		1		08/09/21 15:32	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-27		Lab ID: 92554137005		Collected: 08/05/21 11:15		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 00:33		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 00:33		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 00:33		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 00:33		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/10/21 00:33	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/10/21 00:33	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 21:29	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 09:27	08/16/21 09:27	71-36-3	
Surrogates									
Toluene-d8 (S)	96.6	%	80.0-120		1	08/16/21 09:27	08/16/21 09:27	2037-26-5	
4-Bromofluorobenzene (S)	89.7	%	77.0-126		1	08/16/21 09:27	08/16/21 09:27	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 09:27	08/16/21 09:27	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 15:50	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 15:50	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 15:50	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 15:50	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 15:50	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 15:50	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 15:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 15:50	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 15:50	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 15:50	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 15:50	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 15:50	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 15:50	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 15:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 15:50	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 15:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 15:50	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 15:50	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 15:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 15:50	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 15:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 15:50	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 15:50	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-27		Lab ID: 92554137005		Collected: 08/05/21 11:15		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 15:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 15:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 15:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 15:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 15:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 15:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 15:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 15:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 15:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 15:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 15:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 15:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 15:50	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 15:50	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 15:50	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 15:50	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 15:50	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 15:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 15:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 15:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 15:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 15:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 15:50	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 15:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 15:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 15:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 15:50	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 15:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 15:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 15:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 15:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 15:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 15:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 15:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 15:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 15:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 15:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 15:50	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 15:50	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 15:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 15:50	17060-07-0	
4-Bromofluorobenzene (S)	107	%	70-130		1		08/09/21 15:50	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-27		Lab ID: 92554137005		Collected: 08/05/21 11:15		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/09/21 15:50	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-29		Lab ID: 92554137006		Collected: 08/05/21 11:35		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	48100	ug/L	1000	1000	20		08/11/21 07:25		N2
Aliphatic (C05-C08)	42800	ug/L	1000	1000	20		08/11/21 07:25		N2
Aliphatic(C09-C12) Adjusted	4580	ug/L	1000	1000	20		08/11/21 07:25		N2
Aromatic (C09-C10)	ND	ug/L	1000	1000	20		08/11/21 07:25		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		20		08/11/21 07:25	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		20		08/11/21 07:25	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 21:32	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	2.00	1.50	10	08/16/21 13:17	08/16/21 13:17	71-36-3	
Surrogates									
Toluene-d8 (S)	91.9	%	80.0-120		10	08/16/21 13:17	08/16/21 13:17	2037-26-5	
4-Bromofluorobenzene (S)	89.3	%	77.0-126		10	08/16/21 13:17	08/16/21 13:17	460-00-4	
1,2-Dichloroethane-d4 (S)	95.3	%	70.0-130		10	08/16/21 13:17	08/16/21 13:17	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	4000	1460	40		08/12/21 05:16	75-85-4	
tert-Amylmethyl ether	ND	ug/L	400	106	40		08/12/21 05:16	994-05-8	
Benzene	2360	ug/L	20.0	13.8	40		08/12/21 05:16	71-43-2	
Bromobenzene	ND	ug/L	20.0	11.6	40		08/12/21 05:16	108-86-1	
Bromochloromethane	ND	ug/L	20.0	18.7	40		08/12/21 05:16	74-97-5	
Bromodichloromethane	ND	ug/L	20.0	12.3	40		08/12/21 05:16	75-27-4	
Bromoform	ND	ug/L	20.0	13.6	40		08/12/21 05:16	75-25-2	
Bromomethane	ND	ug/L	200	66.4	40		08/12/21 05:16	74-83-9	M1
tert-Butyl Alcohol	ND	ug/L	2000	1070	40		08/12/21 05:16	75-65-0	
n-Butylbenzene	ND	ug/L	20.0	19.6	40		08/12/21 05:16	104-51-8	
sec-Butylbenzene	ND	ug/L	20.0	16.0	40		08/12/21 05:16	135-98-8	
tert-Butylbenzene	ND	ug/L	20.0	12.9	40		08/12/21 05:16	98-06-6	
Carbon tetrachloride	ND	ug/L	20.0	13.3	40		08/12/21 05:16	56-23-5	
Chlorobenzene	ND	ug/L	20.0	11.4	40		08/12/21 05:16	108-90-7	
Chloroethane	ND	ug/L	40.0	26.0	40		08/12/21 05:16	75-00-3	
Chloroform	ND	ug/L	20.0	14.1	40		08/12/21 05:16	67-66-3	
Chloromethane	ND	ug/L	40.0	21.6	40		08/12/21 05:16	74-87-3	
2-Chlorotoluene	ND	ug/L	20.0	12.8	40		08/12/21 05:16	95-49-8	
4-Chlorotoluene	ND	ug/L	20.0	13.0	40		08/12/21 05:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	40.0	13.6	40		08/12/21 05:16	96-12-8	
Dibromochloromethane	ND	ug/L	20.0	14.4	40		08/12/21 05:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	20.0	10.9	40		08/12/21 05:16	106-93-4	
Dibromomethane	ND	ug/L	20.0	15.8	40		08/12/21 05:16	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-29		Lab ID: 92554137006		Collected: 08/05/21 11:35		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	20.0	13.6	40		08/12/21 05:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	20.0	13.6	40		08/12/21 05:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	20.0	13.3	40		08/12/21 05:16	106-46-7	
Dichlorodifluoromethane	ND	ug/L	20.0	13.8	40		08/12/21 05:16	75-71-8	
1,1-Dichloroethane	ND	ug/L	20.0	14.7	40		08/12/21 05:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	20.0	12.9	40		08/12/21 05:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	20.0	13.9	40		08/12/21 05:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	20.0	15.4	40		08/12/21 05:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	20.0	15.8	40		08/12/21 05:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	20.0	14.2	40		08/12/21 05:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	20.0	11.4	40		08/12/21 05:16	142-28-9	
2,2-Dichloropropane	ND	ug/L	20.0	15.5	40		08/12/21 05:16	594-20-7	M1
1,1-Dichloropropene	ND	ug/L	20.0	17.1	40		08/12/21 05:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	20.0	14.6	40		08/12/21 05:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	20.0	14.5	40		08/12/21 05:16	10061-02-6	
Diisopropyl ether	278	ug/L	20.0	12.3	40		08/12/21 05:16	108-20-3	
Ethanol	ND	ug/L	8000	2890	40		08/12/21 05:16	64-17-5	
Ethylbenzene	122	ug/L	20.0	12.2	40		08/12/21 05:16	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	400	130	40		08/12/21 05:16	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	80.0	61.2	40		08/12/21 05:16	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	20.0	13.3	40		08/12/21 05:16	98-82-8	
Methylene Chloride	ND	ug/L	80.0	78.0	40		08/12/21 05:16	75-09-2	
Methyl-tert-butyl ether	38.0	ug/L	20.0	16.9	40		08/12/21 05:16	1634-04-4	
Naphthalene	26.4J	ug/L	80.0	25.8	40		08/12/21 05:16	91-20-3	
n-Propylbenzene	ND	ug/L	20.0	13.6	40		08/12/21 05:16	103-65-1	
Styrene	ND	ug/L	20.0	11.7	40		08/12/21 05:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	20.0	12.4	40		08/12/21 05:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	20.0	9.0	40		08/12/21 05:16	79-34-5	
Tetrachloroethene	ND	ug/L	20.0	11.7	40		08/12/21 05:16	127-18-4	
Toluene	4970	ug/L	20.0	19.4	40		08/12/21 05:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	80.0	32.2	40		08/12/21 05:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	80.0	25.6	40		08/12/21 05:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	20.0	13.3	40		08/12/21 05:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	20.0	13.0	40		08/12/21 05:16	79-00-5	
Trichloroethene	ND	ug/L	20.0	15.3	40		08/12/21 05:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	40.0	11.9	40		08/12/21 05:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	20.0	10.4	40		08/12/21 05:16	96-18-4	
1,2,4-Trimethylbenzene	167	ug/L	20.0	19.8	40		08/12/21 05:16	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	20.0	13.3	40		08/12/21 05:16	108-67-8	
Vinyl chloride	ND	ug/L	40.0	15.4	40		08/12/21 05:16	75-01-4	
m&p-Xylene	1080	ug/L	40.0	28.4	40		08/12/21 05:16	179601-23-1	
o-Xylene	559	ug/L	20.0	13.5	40		08/12/21 05:16	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		40		08/12/21 05:16	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		40		08/12/21 05:16	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-29		Lab ID: 92554137006		Collected: 08/05/21 11:35		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		40		08/12/21 05:16	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-32		Lab ID: 92554137007		Collected: 08/05/21 14:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 01:30		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 01:30		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 01:30		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 01:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/10/21 01:30	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/10/21 01:30	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 21:35	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 09:48	08/16/21 09:48	71-36-3	
Surrogates									
Toluene-d8 (S)	91.3	%	80.0-120		1	08/16/21 09:48	08/16/21 09:48	2037-26-5	
4-Bromofluorobenzene (S)	86.6	%	77.0-126		1	08/16/21 09:48	08/16/21 09:48	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 09:48	08/16/21 09:48	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 16:08	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 16:08	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 16:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 16:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 16:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 16:08	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 16:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 16:08	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 16:08	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 16:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 16:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 16:08	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 16:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 16:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 16:08	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 16:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 16:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 16:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 16:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 16:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 16:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 16:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 16:08	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-32 **Lab ID: 92554137007** Collected: 08/05/21 14:20 Received: 08/05/21 17:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 16:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 16:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 16:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 16:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 16:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 16:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 16:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 16:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 16:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 16:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 16:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 16:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 16:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 16:08	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 16:08	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 16:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 16:08	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 16:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 16:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 16:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 16:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 16:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:08	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 16:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 16:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 16:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 16:08	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 16:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 16:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 16:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 16:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 16:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 16:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 16:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 16:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 16:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 16:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 16:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 16:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 16:08	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		08/09/21 16:08	17060-07-0	
4-Bromofluorobenzene (S)	106	%	70-130		1		08/09/21 16:08	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-32		Lab ID: 92554137007		Collected: 08/05/21 14:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/09/21 16:08	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-33		Lab ID: 92554137008		Collected: 08/05/21 08:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 01:59		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 01:59		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 01:59		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 01:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/10/21 01:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/10/21 01:59	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 21:38	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 10:09	08/16/21 10:09	71-36-3	
Surrogates									
Toluene-d8 (S)	93.3	%	80.0-120		1	08/16/21 10:09	08/16/21 10:09	2037-26-5	
4-Bromofluorobenzene (S)	83.5	%	77.0-126		1	08/16/21 10:09	08/16/21 10:09	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70.0-130		1	08/16/21 10:09	08/16/21 10:09	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 16:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 16:27	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 16:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 16:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 16:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 16:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 16:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 16:27	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 16:27	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 16:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 16:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 16:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 16:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 16:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 16:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 16:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 16:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 16:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 16:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 16:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 16:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 16:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 16:27	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-33		Lab ID: 92554137008		Collected: 08/05/21 08:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 16:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 16:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 16:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 16:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 16:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 16:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 16:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 16:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 16:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 16:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 16:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 16:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 16:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 16:27	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 16:27	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 16:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 16:27	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 16:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 16:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 16:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 16:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 16:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 16:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 16:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 16:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 16:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 16:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 16:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 16:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 16:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 16:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 16:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 16:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 16:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 16:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 16:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 16:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 16:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 16:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		08/09/21 16:27	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/09/21 16:27	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-33		Lab ID: 92554137008		Collected: 08/05/21 08:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/09/21 16:27	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-35		Lab ID: 92554137009		Collected: 08/05/21 10:15		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 02:27		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 02:27		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 02:27		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 02:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/10/21 02:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/10/21 02:27	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 21:54	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 10:30	08/16/21 10:30	71-36-3	
Surrogates									
Toluene-d8 (S)	89.9	%	80.0-120		1	08/16/21 10:30	08/16/21 10:30	2037-26-5	
4-Bromofluorobenzene (S)	86.5	%	77.0-126		1	08/16/21 10:30	08/16/21 10:30	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70.0-130		1	08/16/21 10:30	08/16/21 10:30	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 16:45	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 16:45	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 16:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 16:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 16:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 16:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 16:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 16:45	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 16:45	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 16:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 16:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 16:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 16:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 16:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 16:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 16:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 16:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 16:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 16:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 16:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 16:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 16:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 16:45	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-35		Lab ID: 92554137009		Collected: 08/05/21 10:15		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 16:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 16:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 16:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 16:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 16:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 16:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 16:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 16:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 16:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 16:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 16:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 16:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 16:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 16:45	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 16:45	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 16:45	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 16:45	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 16:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 16:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 16:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 16:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 16:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 16:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 16:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 16:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 16:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 16:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 16:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 16:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 16:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 16:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 16:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 16:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 16:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 16:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 16:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 16:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 16:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 16:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 16:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 16:45	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/09/21 16:45	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-35		Lab ID: 92554137009		Collected: 08/05/21 10:15		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/09/21 16:45	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-43		Lab ID: 92554137010		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 02:56		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 02:56		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 02:56		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 02:56		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1		08/10/21 02:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/10/21 02:56	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 16:39	08/10/21 21:58	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 10:51	08/16/21 10:51	71-36-3	
Surrogates									
Toluene-d8 (S)	92.1	%	80.0-120		1	08/16/21 10:51	08/16/21 10:51	2037-26-5	
4-Bromofluorobenzene (S)	84.6	%	77.0-126		1	08/16/21 10:51	08/16/21 10:51	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 10:51	08/16/21 10:51	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 17:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 17:03	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 17:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 17:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 17:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 17:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 17:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 17:03	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 17:03	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 17:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 17:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 17:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 17:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 17:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 17:03	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 17:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 17:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 17:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 17:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 17:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 17:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 17:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 17:03	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-43		Lab ID: 92554137010		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 17:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 17:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 17:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 17:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 17:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 17:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 17:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 17:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 17:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 17:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 17:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 17:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 17:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 17:03	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 17:03	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 17:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 17:03	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 17:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 17:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 17:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 17:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 17:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 17:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 17:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 17:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 17:03	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 17:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 17:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 17:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 17:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 17:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 17:03	79-01-6	
Trichlorofluoromethane	0.58J	ug/L	1.0	0.30	1		08/09/21 17:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 17:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 17:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 17:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 17:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 17:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 17:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 17:03	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/09/21 17:03	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-43		Lab ID: 92554137010		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/09/21 17:03	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-52		Lab ID: 92554137011		Collected: 08/05/21 12:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	4520	ug/L	50.0	50.0	1		08/10/21 03:24		N2
Aliphatic (C05-C08)	4110	ug/L	50.0	50.0	1		08/10/21 03:24		N2
Aliphatic(C09-C12) Adjusted	341	ug/L	50.0	50.0	1		08/10/21 03:24		N2
Aromatic (C09-C10)	64.8	ug/L	50.0	50.0	1		08/10/21 03:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/10/21 03:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/10/21 03:24	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 01:01	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 11:11	08/16/21 11:11	71-36-3	
Surrogates									
Toluene-d8 (S)	91.1	%	80.0-120		1	08/16/21 11:11	08/16/21 11:11	2037-26-5	
4-Bromofluorobenzene (S)	87.2	%	77.0-126		1	08/16/21 11:11	08/16/21 11:11	460-00-4	
1,2-Dichloroethane-d4 (S)	95.8	%	70.0-130		1	08/16/21 11:11	08/16/21 11:11	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	400	146	4		08/12/21 04:58	75-85-4	
tert-Amylmethyl ether	ND	ug/L	40.0	10.6	4		08/12/21 04:58	994-05-8	
Benzene	476	ug/L	2.0	1.4	4		08/12/21 04:58	71-43-2	
Bromobenzene	ND	ug/L	2.0	1.2	4		08/12/21 04:58	108-86-1	
Bromochloromethane	ND	ug/L	2.0	1.9	4		08/12/21 04:58	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	1.2	4		08/12/21 04:58	75-27-4	
Bromoform	ND	ug/L	2.0	1.4	4		08/12/21 04:58	75-25-2	
Bromomethane	ND	ug/L	20.0	6.6	4		08/12/21 04:58	74-83-9	
tert-Butyl Alcohol	ND	ug/L	200	107	4		08/12/21 04:58	75-65-0	
n-Butylbenzene	ND	ug/L	2.0	2.0	4		08/12/21 04:58	104-51-8	
sec-Butylbenzene	ND	ug/L	2.0	1.6	4		08/12/21 04:58	135-98-8	
tert-Butylbenzene	ND	ug/L	2.0	1.3	4		08/12/21 04:58	98-06-6	
Carbon tetrachloride	ND	ug/L	2.0	1.3	4		08/12/21 04:58	56-23-5	
Chlorobenzene	ND	ug/L	2.0	1.1	4		08/12/21 04:58	108-90-7	
Chloroethane	ND	ug/L	4.0	2.6	4		08/12/21 04:58	75-00-3	
Chloroform	1.8J	ug/L	2.0	1.4	4		08/12/21 04:58	67-66-3	C9
Chloromethane	ND	ug/L	4.0	2.2	4		08/12/21 04:58	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	1.3	4		08/12/21 04:58	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	1.3	4		08/12/21 04:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1.4	4		08/12/21 04:58	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	1.4	4		08/12/21 04:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	2.0	1.1	4		08/12/21 04:58	106-93-4	
Dibromomethane	ND	ug/L	2.0	1.6	4		08/12/21 04:58	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-52		Lab ID: 92554137011		Collected: 08/05/21 12:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	2.0	1.4	4		08/12/21 04:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	1.4	4		08/12/21 04:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	1.3	4		08/12/21 04:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	1.4	4		08/12/21 04:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	1.5	4		08/12/21 04:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1.3	4		08/12/21 04:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1.4	4		08/12/21 04:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1.5	4		08/12/21 04:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1.6	4		08/12/21 04:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1.4	4		08/12/21 04:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	1.1	4		08/12/21 04:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	1.6	4		08/12/21 04:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	1.7	4		08/12/21 04:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1.5	4		08/12/21 04:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1.5	4		08/12/21 04:58	10061-02-6	
Diisopropyl ether	72.2	ug/L	2.0	1.2	4		08/12/21 04:58	108-20-3	
Ethanol	ND	ug/L	800	289	4		08/12/21 04:58	64-17-5	
Ethylbenzene	3.2	ug/L	2.0	1.2	4		08/12/21 04:58	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	40.0	13.0	4		08/12/21 04:58	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	8.0	6.1	4		08/12/21 04:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	2.0	1.3	4		08/12/21 04:58	98-82-8	
Methylene Chloride	ND	ug/L	8.0	7.8	4		08/12/21 04:58	75-09-2	
Methyl-tert-butyl ether	10.4	ug/L	2.0	1.7	4		08/12/21 04:58	1634-04-4	
Naphthalene	6.8J	ug/L	8.0	2.6	4		08/12/21 04:58	91-20-3	
n-Propylbenzene	ND	ug/L	2.0	1.4	4		08/12/21 04:58	103-65-1	
Styrene	ND	ug/L	2.0	1.2	4		08/12/21 04:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1.2	4		08/12/21 04:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.90	4		08/12/21 04:58	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1.2	4		08/12/21 04:58	127-18-4	
Toluene	63.4	ug/L	2.0	1.9	4		08/12/21 04:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	8.0	3.2	4		08/12/21 04:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	8.0	2.6	4		08/12/21 04:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	1.3	4		08/12/21 04:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1.3	4		08/12/21 04:58	79-00-5	
Trichloroethene	ND	ug/L	2.0	1.5	4		08/12/21 04:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	4.0	1.2	4		08/12/21 04:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1.0	4		08/12/21 04:58	96-18-4	
1,2,4-Trimethylbenzene	7.9	ug/L	2.0	2.0	4		08/12/21 04:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1.3	4		08/12/21 04:58	108-67-8	
Vinyl chloride	ND	ug/L	4.0	1.5	4		08/12/21 04:58	75-01-4	
m&p-Xylene	41.1	ug/L	4.0	2.8	4		08/12/21 04:58	179601-23-1	
o-Xylene	76.8	ug/L	2.0	1.4	4		08/12/21 04:58	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		4		08/12/21 04:58	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		4		08/12/21 04:58	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-52		Lab ID: 92554137011		Collected: 08/05/21 12:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		4		08/12/21 04:58	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-53		Lab ID: 92554137012		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 03:53		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 03:53		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 03:53		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 03:53		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/10/21 03:53	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/10/21 03:53	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 01:04	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 11:32	08/16/21 11:32	71-36-3	
Surrogates									
Toluene-d8 (S)	93.9	%	80.0-120		1	08/16/21 11:32	08/16/21 11:32	2037-26-5	
4-Bromofluorobenzene (S)	88.1	%	77.0-126		1	08/16/21 11:32	08/16/21 11:32	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 11:32	08/16/21 11:32	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 17:39	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 17:39	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 17:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 17:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 17:39	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 17:39	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 17:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 17:39	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 17:39	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 17:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 17:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 17:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 17:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 17:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 17:39	75-00-3	
Chloroform	0.42J	ug/L	0.50	0.35	1		08/09/21 17:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 17:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 17:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 17:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 17:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 17:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 17:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 17:39	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-53		Lab ID: 92554137012		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 17:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 17:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 17:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 17:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 17:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 17:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 17:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 17:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 17:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 17:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 17:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 17:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 17:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 17:39	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 17:39	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 17:39	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 17:39	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 17:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 17:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 17:39	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 17:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 17:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:39	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 17:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 17:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 17:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 17:39	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 17:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 17:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 17:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 17:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 17:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 17:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 17:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 17:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 17:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 17:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 17:39	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 17:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 17:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		08/09/21 17:39	17060-07-0	
4-Bromofluorobenzene (S)	105	%	70-130		1		08/09/21 17:39	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-53		Lab ID: 92554137012		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/09/21 17:39	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-54		Lab ID: 92554137013		Collected: 08/05/21 12:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	18300	ug/L	200	200	4		08/11/21 07:54		N2
Aliphatic (C05-C08)	15900	ug/L	200	200	4		08/11/21 07:54		N2
Aliphatic(C09-C12) Adjusted	2180	ug/L	200	200	4		08/11/21 07:54		N2
Aromatic (C09-C10)	218	ug/L	200	200	4		08/11/21 07:54		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		4		08/11/21 07:54	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		4		08/11/21 07:54	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 01:14	7439-92-1	BC
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 11:53	08/16/21 11:53	71-36-3	
Surrogates									
Toluene-d8 (S)	94.5	%	80.0-120		1	08/16/21 11:53	08/16/21 11:53	2037-26-5	
4-Bromofluorobenzene (S)	93.6	%	77.0-126		1	08/16/21 11:53	08/16/21 11:53	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 11:53	08/16/21 11:53	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	1000	364	10		08/09/21 20:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	100	26.6	10		08/09/21 20:03	994-05-8	
Benzene	984	ug/L	5.0	3.4	10		08/09/21 20:03	71-43-2	
Bromobenzene	ND	ug/L	5.0	2.9	10		08/09/21 20:03	108-86-1	
Bromochloromethane	ND	ug/L	5.0	4.7	10		08/09/21 20:03	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	3.1	10		08/09/21 20:03	75-27-4	
Bromoform	ND	ug/L	5.0	3.4	10		08/09/21 20:03	75-25-2	
Bromomethane	ND	ug/L	50.0	16.6	10		08/09/21 20:03	74-83-9	
tert-Butyl Alcohol	ND	ug/L	500	268	10		08/09/21 20:03	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	4.9	10		08/09/21 20:03	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	4.0	10		08/09/21 20:03	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	3.2	10		08/09/21 20:03	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	3.3	10		08/09/21 20:03	56-23-5	
Chlorobenzene	ND	ug/L	5.0	2.8	10		08/09/21 20:03	108-90-7	
Chloroethane	ND	ug/L	10.0	6.5	10		08/09/21 20:03	75-00-3	
Chloroform	ND	ug/L	5.0	3.5	10		08/09/21 20:03	67-66-3	
Chloromethane	ND	ug/L	10.0	5.4	10		08/09/21 20:03	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	3.2	10		08/09/21 20:03	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	3.2	10		08/09/21 20:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	10.0	3.4	10		08/09/21 20:03	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	3.6	10		08/09/21 20:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	2.7	10		08/09/21 20:03	106-93-4	
Dibromomethane	ND	ug/L	5.0	3.9	10		08/09/21 20:03	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-54		Lab ID: 92554137013		Collected: 08/05/21 12:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	5.0	3.4	10		08/09/21 20:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	3.4	10		08/09/21 20:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	3.3	10		08/09/21 20:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	3.5	10		08/09/21 20:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	3.7	10		08/09/21 20:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	3.2	10		08/09/21 20:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	3.5	10		08/09/21 20:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	3.8	10		08/09/21 20:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	4.0	10		08/09/21 20:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	3.6	10		08/09/21 20:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	2.8	10		08/09/21 20:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	3.9	10		08/09/21 20:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	4.3	10		08/09/21 20:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		08/09/21 20:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	3.6	10		08/09/21 20:03	10061-02-6	
Diisopropyl ether	149	ug/L	5.0	3.1	10		08/09/21 20:03	108-20-3	
Ethanol	ND	ug/L	2000	722	10		08/09/21 20:03	64-17-5	
Ethylbenzene	98.4	ug/L	5.0	3.0	10		08/09/21 20:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	100	32.4	10		08/09/21 20:03	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	20.0	15.3	10		08/09/21 20:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	3.3	10		08/09/21 20:03	98-82-8	
Methylene Chloride	ND	ug/L	20.0	19.5	10		08/09/21 20:03	75-09-2	
Methyl-tert-butyl ether	7.7	ug/L	5.0	4.2	10		08/09/21 20:03	1634-04-4	
Naphthalene	9.6J	ug/L	20.0	6.4	10		08/09/21 20:03	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	3.4	10		08/09/21 20:03	103-65-1	
Styrene	ND	ug/L	5.0	2.9	10		08/09/21 20:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	3.1	10		08/09/21 20:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.2	10		08/09/21 20:03	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.9	10		08/09/21 20:03	127-18-4	
Toluene	1670	ug/L	5.0	4.8	10		08/09/21 20:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	20.0	8.1	10		08/09/21 20:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	20.0	6.4	10		08/09/21 20:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	3.3	10		08/09/21 20:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	3.2	10		08/09/21 20:03	79-00-5	
Trichloroethene	ND	ug/L	5.0	3.8	10		08/09/21 20:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	3.0	10		08/09/21 20:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.6	10		08/09/21 20:03	96-18-4	
1,2,4-Trimethylbenzene	59.7	ug/L	5.0	5.0	10		08/09/21 20:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	3.3	10		08/09/21 20:03	108-67-8	
Vinyl chloride	ND	ug/L	10.0	3.9	10		08/09/21 20:03	75-01-4	
m&p-Xylene	649	ug/L	10.0	7.1	10		08/09/21 20:03	179601-23-1	
o-Xylene	396	ug/L	5.0	3.4	10		08/09/21 20:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%	70-130		10		08/09/21 20:03	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		10		08/09/21 20:03	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-54		Lab ID: 92554137013		Collected: 08/05/21 12:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	97	%	70-130		10		08/09/21 20:03	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-57D		Lab ID: 92554137014		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 04:49		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 04:49		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 04:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 04:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		08/10/21 04:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	110	%	70-130		1		08/10/21 04:49	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 01:17	7439-92-1	BC
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 12:14	08/16/21 12:14	71-36-3	
Surrogates									
Toluene-d8 (S)	91.9	%	80.0-120		1	08/16/21 12:14	08/16/21 12:14	2037-26-5	
4-Bromofluorobenzene (S)	86.3	%	77.0-126		1	08/16/21 12:14	08/16/21 12:14	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 12:14	08/16/21 12:14	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 17:57	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 17:57	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 17:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 17:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 17:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 17:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 17:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 17:57	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 17:57	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 17:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 17:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 17:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 17:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 17:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 17:57	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 17:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 17:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 17:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 17:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 17:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 17:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 17:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 17:57	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-57D Lab ID: 92554137014 Collected: 08/05/21 10:25 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 17:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 17:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 17:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 17:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 17:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 17:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 17:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 17:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 17:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 17:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 17:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 17:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 17:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 17:57	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 17:57	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 17:57	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 17:57	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 17:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 17:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 17:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 17:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 17:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 17:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 17:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 17:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 17:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 17:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 17:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 17:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 17:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 17:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 17:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 17:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 17:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 17:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 17:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 17:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 17:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 17:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 17:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 17:57	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/09/21 17:57	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-57D		Lab ID: 92554137014		Collected: 08/05/21 10:25		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/09/21 17:57	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-58		Lab ID: 92554137015		Collected: 08/05/21 10:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 05:18		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 05:18		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 05:18		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 05:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/10/21 05:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/10/21 05:18	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:06	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 12:35	08/16/21 12:35	71-36-3	
Surrogates									
Toluene-d8 (S)	91.3	%	80.0-120		1	08/16/21 12:35	08/16/21 12:35	2037-26-5	
4-Bromofluorobenzene (S)	85.8	%	77.0-126		1	08/16/21 12:35	08/16/21 12:35	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 12:35	08/16/21 12:35	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 18:15	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 18:15	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 18:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 18:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 18:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 18:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 18:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 18:15	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 18:15	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 18:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 18:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 18:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 18:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 18:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 18:15	75-00-3	
Chloroform	0.92	ug/L	0.50	0.35	1		08/09/21 18:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 18:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 18:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 18:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 18:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 18:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 18:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 18:15	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-58		Lab ID: 92554137015		Collected: 08/05/21 10:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 18:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 18:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 18:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 18:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 18:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 18:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 18:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 18:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 18:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 18:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 18:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 18:15	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 18:15	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 18:15	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 18:15	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 18:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 18:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 18:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 18:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 18:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 18:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 18:15	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 18:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 18:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 18:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 18:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 18:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 18:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 18:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 18:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 18:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 18:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 18:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 18:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 18:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 18:15	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/09/21 18:15	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-58		Lab ID: 92554137015		Collected: 08/05/21 10:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/09/21 18:15	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-59		Lab ID: 92554137016		Collected: 08/05/21 11:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 05:46		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 05:46		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 05:46		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 05:46		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/10/21 05:46	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/10/21 05:46	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:19	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 12:56	08/16/21 12:56	71-36-3	
Surrogates									
Toluene-d8 (S)	92.7	%	80.0-120		1	08/16/21 12:56	08/16/21 12:56	2037-26-5	
4-Bromofluorobenzene (S)	87.9	%	77.0-126		1	08/16/21 12:56	08/16/21 12:56	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 12:56	08/16/21 12:56	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 18:33	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 18:33	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 18:33	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 18:33	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 18:33	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 18:33	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 18:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 18:33	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 18:33	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 18:33	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 18:33	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 18:33	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 18:33	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 18:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 18:33	75-00-3	
Chloroform	0.39J	ug/L	0.50	0.35	1		08/09/21 18:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 18:33	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 18:33	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 18:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 18:33	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 18:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 18:33	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 18:33	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-59		Lab ID: 92554137016		Collected: 08/05/21 11:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 18:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 18:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 18:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 18:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 18:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 18:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 18:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 18:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 18:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 18:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 18:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 18:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 18:33	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 18:33	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 18:33	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 18:33	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 18:33	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 18:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 18:33	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 18:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 18:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 18:33	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:33	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 18:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 18:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 18:33	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 18:33	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 18:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 18:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 18:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 18:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 18:33	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 18:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 18:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 18:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 18:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 18:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 18:33	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 18:33	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 18:33	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		08/09/21 18:33	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/09/21 18:33	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-59		Lab ID: 92554137016		Collected: 08/05/21 11:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/09/21 18:33	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-63		Lab ID: 92554137017		Collected: 08/05/21 09:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 06:15		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 06:15		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 06:15		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 06:15		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/10/21 06:15	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/10/21 06:15	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:23	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 02:31	08/16/21 02:31	71-36-3	
Surrogates									
Toluene-d8 (S)	93.8	%	80.0-120		1	08/16/21 02:31	08/16/21 02:31	2037-26-5	
4-Bromofluorobenzene (S)	90.1	%	77.0-126		1	08/16/21 02:31	08/16/21 02:31	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 02:31	08/16/21 02:31	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 18:51	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 18:51	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 18:51	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 18:51	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 18:51	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 18:51	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 18:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 18:51	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 18:51	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 18:51	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 18:51	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 18:51	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 18:51	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 18:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 18:51	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 18:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 18:51	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 18:51	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 18:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 18:51	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 18:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 18:51	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 18:51	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-63		Lab ID: 92554137017		Collected: 08/05/21 09:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 18:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 18:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 18:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 18:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 18:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 18:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 18:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 18:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 18:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 18:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 18:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 18:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 18:51	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 18:51	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 18:51	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 18:51	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 18:51	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 18:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 18:51	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 18:51	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 18:51	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 18:51	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 18:51	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 18:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 18:51	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 18:51	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 18:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 18:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 18:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 18:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 18:51	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 18:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 18:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 18:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 18:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 18:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 18:51	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 18:51	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 18:51	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		08/09/21 18:51	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/09/21 18:51	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-63		Lab ID: 92554137017		Collected: 08/05/21 09:30		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/09/21 18:51	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-71		Lab ID: 92554137018		Collected: 08/05/21 10:08		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	6060	ug/L	125	125	2.5		08/11/21 08:22		N2
Aliphatic (C05-C08)	4980	ug/L	125	125	2.5		08/11/21 08:22		N2
Aliphatic(C09-C12) Adjusted	945	ug/L	125	125	2.5		08/11/21 08:22		N2
Aromatic (C09-C10)	132	ug/L	125	125	2.5		08/11/21 08:22		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		2.5		08/11/21 08:22	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		2.5		08/11/21 08:22	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	15.8	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:35	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 02:52	08/16/21 02:52	71-36-3	
Surrogates									
Toluene-d8 (S)	89.4	%	80.0-120		1	08/16/21 02:52	08/16/21 02:52	2037-26-5	
4-Bromofluorobenzene (S)	86.9	%	77.0-126		1	08/16/21 02:52	08/16/21 02:52	460-00-4	
1,2-Dichloroethane-d4 (S)	95.6	%	70.0-130		1	08/16/21 02:52	08/16/21 02:52	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	400	146	4		08/09/21 19:45	75-85-4	
tert-Amylmethyl ether	ND	ug/L	40.0	10.6	4		08/09/21 19:45	994-05-8	
Benzene	153	ug/L	2.0	1.4	4		08/09/21 19:45	71-43-2	
Bromobenzene	ND	ug/L	2.0	1.2	4		08/09/21 19:45	108-86-1	
Bromochloromethane	ND	ug/L	2.0	1.9	4		08/09/21 19:45	74-97-5	
Bromodichloromethane	ND	ug/L	2.0	1.2	4		08/09/21 19:45	75-27-4	
Bromoform	ND	ug/L	2.0	1.4	4		08/09/21 19:45	75-25-2	
Bromomethane	ND	ug/L	20.0	6.6	4		08/09/21 19:45	74-83-9	
tert-Butyl Alcohol	ND	ug/L	200	107	4		08/09/21 19:45	75-65-0	
n-Butylbenzene	ND	ug/L	2.0	2.0	4		08/09/21 19:45	104-51-8	
sec-Butylbenzene	ND	ug/L	2.0	1.6	4		08/09/21 19:45	135-98-8	
tert-Butylbenzene	ND	ug/L	2.0	1.3	4		08/09/21 19:45	98-06-6	
Carbon tetrachloride	ND	ug/L	2.0	1.3	4		08/09/21 19:45	56-23-5	
Chlorobenzene	ND	ug/L	2.0	1.1	4		08/09/21 19:45	108-90-7	
Chloroethane	ND	ug/L	4.0	2.6	4		08/09/21 19:45	75-00-3	
Chloroform	3.4	ug/L	2.0	1.4	4		08/09/21 19:45	67-66-3	
Chloromethane	ND	ug/L	4.0	2.2	4		08/09/21 19:45	74-87-3	
2-Chlorotoluene	ND	ug/L	2.0	1.3	4		08/09/21 19:45	95-49-8	
4-Chlorotoluene	ND	ug/L	2.0	1.3	4		08/09/21 19:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	4.0	1.4	4		08/09/21 19:45	96-12-8	
Dibromochloromethane	ND	ug/L	2.0	1.4	4		08/09/21 19:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	2.0	1.1	4		08/09/21 19:45	106-93-4	
Dibromomethane	ND	ug/L	2.0	1.6	4		08/09/21 19:45	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-71 Lab ID: 92554137018 Collected: 08/05/21 10:08 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	2.0	1.4	4		08/09/21 19:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.0	1.4	4		08/09/21 19:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.0	1.3	4		08/09/21 19:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.0	1.4	4		08/09/21 19:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	2.0	1.5	4		08/09/21 19:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.0	1.3	4		08/09/21 19:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	2.0	1.4	4		08/09/21 19:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.0	1.5	4		08/09/21 19:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.0	1.6	4		08/09/21 19:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.0	1.4	4		08/09/21 19:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.0	1.1	4		08/09/21 19:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	2.0	1.6	4		08/09/21 19:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	2.0	1.7	4		08/09/21 19:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.0	1.5	4		08/09/21 19:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.0	1.5	4		08/09/21 19:45	10061-02-6	
Diisopropyl ether	36.8	ug/L	2.0	1.2	4		08/09/21 19:45	108-20-3	
Ethanol	ND	ug/L	800	289	4		08/09/21 19:45	64-17-5	
Ethylbenzene	22.6	ug/L	2.0	1.2	4		08/09/21 19:45	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	40.0	13.0	4		08/09/21 19:45	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	8.0	6.1	4		08/09/21 19:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	2.0	1.3	4		08/09/21 19:45	98-82-8	
Methylene Chloride	ND	ug/L	8.0	7.8	4		08/09/21 19:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	2.0	1.7	4		08/09/21 19:45	1634-04-4	
Naphthalene	10.5	ug/L	8.0	2.6	4		08/09/21 19:45	91-20-3	
n-Propylbenzene	ND	ug/L	2.0	1.4	4		08/09/21 19:45	103-65-1	
Styrene	ND	ug/L	2.0	1.2	4		08/09/21 19:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.0	1.2	4		08/09/21 19:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.0	0.90	4		08/09/21 19:45	79-34-5	
Tetrachloroethene	ND	ug/L	2.0	1.2	4		08/09/21 19:45	127-18-4	
Toluene	746	ug/L	2.0	1.9	4		08/09/21 19:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	8.0	3.2	4		08/09/21 19:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	8.0	2.6	4		08/09/21 19:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.0	1.3	4		08/09/21 19:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	2.0	1.3	4		08/09/21 19:45	79-00-5	
Trichloroethene	ND	ug/L	2.0	1.5	4		08/09/21 19:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	4.0	1.2	4		08/09/21 19:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.0	1.0	4		08/09/21 19:45	96-18-4	
1,2,4-Trimethylbenzene	35.1	ug/L	2.0	2.0	4		08/09/21 19:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	2.0	1.3	4		08/09/21 19:45	108-67-8	
Vinyl chloride	ND	ug/L	4.0	1.5	4		08/09/21 19:45	75-01-4	
m&p-Xylene	270	ug/L	4.0	2.8	4		08/09/21 19:45	179601-23-1	
o-Xylene	194	ug/L	2.0	1.4	4		08/09/21 19:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%	70-130		4		08/09/21 19:45	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		4		08/09/21 19:45	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-71		Lab ID: 92554137018		Collected: 08/05/21 10:08		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	97	%	70-130		4		08/09/21 19:45	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-92		Lab ID: 92554137019		Collected: 08/05/21 12:03		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 07:12		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 07:12		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 07:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 07:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/10/21 07:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/10/21 07:12	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	9.6	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:39	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 03:12	08/16/21 03:12	71-36-3	
Surrogates									
Toluene-d8 (S)	92.9	%	80.0-120		1	08/16/21 03:12	08/16/21 03:12	2037-26-5	
4-Bromofluorobenzene (S)	86.4	%	77.0-126		1	08/16/21 03:12	08/16/21 03:12	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 03:12	08/16/21 03:12	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 19:09	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 19:09	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 19:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 19:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 19:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 19:09	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 19:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 19:09	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 19:09	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 19:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 19:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 19:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 19:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 19:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 19:09	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 19:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 19:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 19:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 19:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 19:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 19:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 19:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 19:09	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-92		Lab ID: 92554137019		Collected: 08/05/21 12:03		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 19:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 19:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 19:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 19:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 19:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 19:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 19:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 19:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 19:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 19:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 19:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 19:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 19:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 19:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 19:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 19:09	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 19:09	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 19:09	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 19:09	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 19:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 19:09	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 19:09	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 19:09	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 19:09	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 19:09	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 19:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 19:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 19:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 19:09	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 19:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 19:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 19:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 19:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 19:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 19:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 19:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 19:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 19:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 19:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 19:09	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 19:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 19:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		08/09/21 19:09	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/09/21 19:09	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-92		Lab ID: 92554137019		Collected: 08/05/21 12:03		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	99	%	70-130		1		08/09/21 19:09	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-93		Lab ID: 92554137020		Collected: 08/05/21 14:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 07:40		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 07:40		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 07:40		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 07:40		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1		08/10/21 07:40	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/10/21 07:40	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	9.4	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:42	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 03:33	08/16/21 03:33	71-36-3	
Surrogates									
Toluene-d8 (S)	90.5	%	80.0-120		1	08/16/21 03:33	08/16/21 03:33	2037-26-5	
4-Bromofluorobenzene (S)	85.4	%	77.0-126		1	08/16/21 03:33	08/16/21 03:33	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70.0-130		1	08/16/21 03:33	08/16/21 03:33	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/09/21 19:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/09/21 19:27	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/09/21 19:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/09/21 19:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/09/21 19:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/09/21 19:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/09/21 19:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/09/21 19:27	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/09/21 19:27	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/09/21 19:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/09/21 19:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/09/21 19:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/09/21 19:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/09/21 19:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/09/21 19:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/09/21 19:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/09/21 19:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 19:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/09/21 19:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/09/21 19:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/09/21 19:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/09/21 19:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/09/21 19:27	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-93		Lab ID: 92554137020		Collected: 08/05/21 14:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 19:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/09/21 19:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/09/21 19:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/09/21 19:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/09/21 19:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 19:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/09/21 19:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 19:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/09/21 19:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/09/21 19:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/09/21 19:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/09/21 19:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/09/21 19:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 19:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/09/21 19:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/09/21 19:27	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/09/21 19:27	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/09/21 19:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/09/21 19:27	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/09/21 19:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/09/21 19:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/09/21 19:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/09/21 19:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/09/21 19:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/09/21 19:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/09/21 19:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/09/21 19:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/09/21 19:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/09/21 19:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/09/21 19:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/09/21 19:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/09/21 19:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/09/21 19:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/09/21 19:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/09/21 19:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/09/21 19:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/09/21 19:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/09/21 19:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/09/21 19:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/09/21 19:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/09/21 19:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/09/21 19:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		08/09/21 19:27	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/09/21 19:27	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: MW-93		Lab ID: 92554137020		Collected: 08/05/21 14:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	98	%	70-130		1		08/09/21 19:27	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: DUP-1-20210805 Lab ID: 92554137021 Collected: 08/05/21 00:00 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 08:09		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 08:09		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 08:09		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 08:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/10/21 08:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/10/21 08:09	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:45	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 03:54	08/16/21 03:54	71-36-3	
Surrogates									
Toluene-d8 (S)	92.0	%	80.0-120		1	08/16/21 03:54	08/16/21 03:54	2037-26-5	
4-Bromofluorobenzene (S)	83.6	%	77.0-126		1	08/16/21 03:54	08/16/21 03:54	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 03:54	08/16/21 03:54	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 22:45	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 22:45	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 22:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 22:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 22:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 22:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 22:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 22:45	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 22:45	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 22:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 22:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 22:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 22:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 22:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 22:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 22:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 22:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 22:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 22:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 22:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 22:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 22:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 22:45	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: DUP-1-20210805		Lab ID: 92554137021		Collected: 08/05/21 00:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 22:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 22:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 22:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 22:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 22:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 22:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 22:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 22:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 22:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 22:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 22:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 22:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 22:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 22:45	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 22:45	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 22:45	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 22:45	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 22:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 22:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 22:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 22:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 22:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 22:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 22:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 22:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 22:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 22:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 22:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 22:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 22:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 22:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 22:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 22:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 22:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 22:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 22:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 22:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 22:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 22:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/12/21 22:45	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/12/21 22:45	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: DUP-1-20210805		Lab ID: 92554137021		Collected: 08/05/21 00:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/12/21 22:45	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: DUP-2-20210805 Lab ID: 92554137022 Collected: 08/05/21 00:00 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 08:37		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 08:37		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 08:37		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 08:37		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/10/21 08:37	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/10/21 08:37	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:48	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 04:15	08/16/21 04:15	71-36-3	
Surrogates									
Toluene-d8 (S)	95.2	%	80.0-120		1	08/16/21 04:15	08/16/21 04:15	2037-26-5	
4-Bromofluorobenzene (S)	89.4	%	77.0-126		1	08/16/21 04:15	08/16/21 04:15	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130		1	08/16/21 04:15	08/16/21 04:15	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 23:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 23:03	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 23:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 23:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 23:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 23:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 23:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 23:03	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 23:03	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 23:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 23:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 23:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 23:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 23:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 23:03	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 23:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 23:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 23:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 23:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 23:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 23:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 23:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 23:03	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: DUP-2-20210805		Lab ID: 92554137022		Collected: 08/05/21 00:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 23:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 23:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 23:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 23:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 23:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 23:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 23:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 23:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 23:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 23:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 23:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 23:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 23:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 23:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 23:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 23:03	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 23:03	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 23:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 23:03	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 23:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 23:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 23:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 23:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 23:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 23:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 23:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 23:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 23:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 23:03	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 23:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 23:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 23:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 23:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 23:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 23:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 23:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 23:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 23:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 23:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 23:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 23:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 23:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/12/21 23:03	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/12/21 23:03	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: DUP-2-20210805		Lab ID: 92554137022		Collected: 08/05/21 00:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/12/21 23:03	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: EB-1-20210805 Lab ID: 92554137023 Collected: 08/05/21 12:45 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/10/21 23:50		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/10/21 23:50		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/10/21 23:50		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/10/21 23:50		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/10/21 23:50	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/10/21 23:50	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:51	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 21:40	08/15/21 21:40	71-36-3	
Surrogates									
Toluene-d8 (S)	93.1	%	80.0-120		1	08/15/21 21:40	08/15/21 21:40	2037-26-5	
4-Bromofluorobenzene (S)	88.1	%	77.0-126		1	08/15/21 21:40	08/15/21 21:40	460-00-4	
1,2-Dichloroethane-d4 (S)	99.0	%	70.0-130		1	08/15/21 21:40	08/15/21 21:40	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 00:29	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 00:29	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 00:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 00:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 00:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 00:29	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 00:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 00:29	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 00:29	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 00:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 00:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 00:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 00:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 00:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 00:29	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 00:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 00:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 00:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 00:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 00:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 00:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 00:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 00:29	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: EB-1-20210805 Lab ID: 92554137023 Collected: 08/05/21 12:45 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 00:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 00:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 00:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 00:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 00:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 00:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 00:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 00:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 00:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 00:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 00:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 00:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 00:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 00:29	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 00:29	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 00:29	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 00:29	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 00:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 00:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 00:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 00:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 00:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:29	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 00:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 00:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 00:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 00:29	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 00:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 00:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 00:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 00:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 00:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 00:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 00:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 00:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 00:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 00:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 00:29	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 00:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 00:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/12/21 00:29	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		08/12/21 00:29	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: EB-1-20210805		Lab ID: 92554137023		Collected: 08/05/21 12:45		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/12/21 00:29	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: EB-2-20210805 Lab ID: 92554137024 Collected: 08/05/21 12:20 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 00:18		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 00:18		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 00:18		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 00:18		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130		1		08/11/21 00:18	460-00-4	
4-Bromofluorobenzene (PID) (S)	101	%	70-130		1		08/11/21 00:18	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/09/21 22:17	08/11/21 00:55	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 22:00	08/15/21 22:00	71-36-3	
Surrogates									
Toluene-d8 (S)	96.3	%	80.0-120		1	08/15/21 22:00	08/15/21 22:00	2037-26-5	
4-Bromofluorobenzene (S)	90.8	%	77.0-126		1	08/15/21 22:00	08/15/21 22:00	460-00-4	
1,2-Dichloroethane-d4 (S)	97.8	%	70.0-130		1	08/15/21 22:00	08/15/21 22:00	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 00:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 00:47	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 00:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 00:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 00:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 00:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 00:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 00:47	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 00:47	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 00:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 00:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 00:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 00:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 00:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 00:47	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 00:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 00:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 00:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 00:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 00:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 00:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 00:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 00:47	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: EB-2-20210805 Lab ID: 92554137024 Collected: 08/05/21 12:20 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 00:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 00:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 00:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 00:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 00:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 00:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 00:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 00:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 00:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 00:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 00:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 00:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 00:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 00:47	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 00:47	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 00:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 00:47	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 00:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 00:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 00:47	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 00:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 00:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 00:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 00:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 00:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 00:47	127-18-4	
Toluene	0.65	ug/L	0.50	0.48	1		08/12/21 00:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 00:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 00:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 00:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 00:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 00:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 00:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 00:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 00:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 00:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 00:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 00:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 00:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/12/21 00:47	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/12/21 00:47	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: EB-2-20210805		Lab ID: 92554137024		Collected: 08/05/21 12:20		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/12/21 00:47	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: FB-1-20210805		Lab ID: 92554137025		Collected: 08/05/21 11:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 00:47		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 00:47		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 00:47		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 00:47		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/11/21 00:47	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/11/21 00:47	460-00-4	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 22:21	08/15/21 22:21	71-36-3	
Surrogates									
Toluene-d8 (S)	91.9	%	80.0-120		1	08/15/21 22:21	08/15/21 22:21	2037-26-5	
4-Bromofluorobenzene (S)	89.8	%	77.0-126		1	08/15/21 22:21	08/15/21 22:21	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130		1	08/15/21 22:21	08/15/21 22:21	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/11/21 23:35	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/11/21 23:35	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/11/21 23:35	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/11/21 23:35	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/11/21 23:35	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/11/21 23:35	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/11/21 23:35	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/11/21 23:35	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/11/21 23:35	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/11/21 23:35	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/11/21 23:35	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/11/21 23:35	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/11/21 23:35	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/11/21 23:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/11/21 23:35	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/11/21 23:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/11/21 23:35	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/11/21 23:35	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/11/21 23:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/11/21 23:35	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/11/21 23:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/11/21 23:35	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/11/21 23:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/11/21 23:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/11/21 23:35	75-71-8	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: FB-1-20210805		Lab ID: 92554137025		Collected: 08/05/21 11:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/11/21 23:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/11/21 23:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/11/21 23:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/11/21 23:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/11/21 23:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/11/21 23:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/11/21 23:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/11/21 23:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/11/21 23:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/11/21 23:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/11/21 23:35	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/11/21 23:35	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/11/21 23:35	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/11/21 23:35	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/11/21 23:35	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/11/21 23:35	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/11/21 23:35	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/11/21 23:35	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/11/21 23:35	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/11/21 23:35	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:35	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/11/21 23:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/11/21 23:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/11/21 23:35	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/11/21 23:35	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/11/21 23:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/11/21 23:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/11/21 23:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/11/21 23:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/11/21 23:35	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/11/21 23:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/11/21 23:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/11/21 23:35	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/11/21 23:35	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/11/21 23:35	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/11/21 23:35	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/11/21 23:35	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/11/21 23:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/11/21 23:35	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/11/21 23:35	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/11/21 23:35	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: FB-2-20210805 Lab ID: 92554137026 Collected: 08/05/21 15:00 Received: 08/05/21 17:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 01:15		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 01:15		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 01:15		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 01:15		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/11/21 01:15	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/11/21 01:15	460-00-4	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 22:42	08/15/21 22:42	71-36-3	
Surrogates									
Toluene-d8 (S)	92.4	%	80.0-120		1	08/15/21 22:42	08/15/21 22:42	2037-26-5	
4-Bromofluorobenzene (S)	87.4	%	77.0-126		1	08/15/21 22:42	08/15/21 22:42	460-00-4	
1,2-Dichloroethane-d4 (S)	95.1	%	70.0-130		1	08/15/21 22:42	08/15/21 22:42	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/11/21 23:53	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/11/21 23:53	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/11/21 23:53	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/11/21 23:53	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/11/21 23:53	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/11/21 23:53	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/11/21 23:53	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/11/21 23:53	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/11/21 23:53	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/11/21 23:53	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/11/21 23:53	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/11/21 23:53	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/11/21 23:53	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/11/21 23:53	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/11/21 23:53	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/11/21 23:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/11/21 23:53	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/11/21 23:53	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/11/21 23:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/11/21 23:53	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/11/21 23:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/11/21 23:53	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/11/21 23:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/11/21 23:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/11/21 23:53	75-71-8	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: FB-2-20210805		Lab ID: 92554137026		Collected: 08/05/21 15:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/11/21 23:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/11/21 23:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/11/21 23:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/11/21 23:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/11/21 23:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/11/21 23:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/11/21 23:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/11/21 23:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/11/21 23:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/11/21 23:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/11/21 23:53	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/11/21 23:53	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/11/21 23:53	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/11/21 23:53	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/11/21 23:53	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/11/21 23:53	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/11/21 23:53	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/11/21 23:53	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/11/21 23:53	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/11/21 23:53	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:53	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/11/21 23:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/11/21 23:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/11/21 23:53	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/11/21 23:53	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/11/21 23:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/11/21 23:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/11/21 23:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/11/21 23:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/11/21 23:53	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/11/21 23:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/11/21 23:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/11/21 23:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/11/21 23:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/11/21 23:53	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/11/21 23:53	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/11/21 23:53	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/11/21 23:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/11/21 23:53	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/11/21 23:53	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/11/21 23:53	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: Trip Blank		Lab ID: 92554137027		Collected: 08/05/21 00:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/11/21 23:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/11/21 23:17	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/11/21 23:17	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/11/21 23:17	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/11/21 23:17	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/11/21 23:17	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/11/21 23:17	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/11/21 23:17	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/11/21 23:17	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/11/21 23:17	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/11/21 23:17	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/11/21 23:17	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/11/21 23:17	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/11/21 23:17	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/11/21 23:17	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/11/21 23:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/11/21 23:17	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/11/21 23:17	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/11/21 23:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/11/21 23:17	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/11/21 23:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/11/21 23:17	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/11/21 23:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/11/21 23:17	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/11/21 23:17	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/11/21 23:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/11/21 23:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/11/21 23:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/11/21 23:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/11/21 23:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/11/21 23:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/11/21 23:17	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/11/21 23:17	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/11/21 23:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/11/21 23:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/11/21 23:17	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/11/21 23:17	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/11/21 23:17	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/11/21 23:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/11/21 23:17	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/11/21 23:17	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/11/21 23:17	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/11/21 23:17	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Sample: Trip Blank		Lab ID: 92554137027		Collected: 08/05/21 00:00		Received: 08/05/21 17:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/11/21 23:17	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/11/21 23:17	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/11/21 23:17	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/11/21 23:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/11/21 23:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/11/21 23:17	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/11/21 23:17	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/11/21 23:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/11/21 23:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/11/21 23:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/11/21 23:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/11/21 23:17	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/11/21 23:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/11/21 23:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/11/21 23:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/11/21 23:17	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/11/21 23:17	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/11/21 23:17	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/11/21 23:17	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/11/21 23:17	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/11/21 23:17	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/11/21 23:17	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/11/21 23:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch:	638691	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554137001, 92554137002, 92554137003, 92554137004

METHOD BLANK: 3353231 Matrix: Water

Associated Lab Samples: 92554137001, 92554137002, 92554137003, 92554137004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/06/21 16:31	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/06/21 16:31	N2
4-Bromofluorobenzene (FID) (S)	%	104	70-130		08/06/21 16:31	
4-Bromofluorobenzene (PID) (S)	%	109	70-130		08/06/21 16:31	

LABORATORY CONTROL SAMPLE & LCSD: 3353232

		3353233								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	358	352	119	117	70-130	2	25	N2
Aromatic (C09-C10)	ug/L	100	107	113	107	113	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	104	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch:	639016	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92554137005, 92554137007, 92554137008, 92554137009, 92554137010, 92554137011, 92554137012, 92554137014, 92554137015, 92554137016, 92554137017, 92554137019, 92554137020, 92554137021, 92554137022		

METHOD BLANK:	3354859	Matrix:	Water
Associated Lab Samples:	92554137005, 92554137007, 92554137008, 92554137009, 92554137010, 92554137011, 92554137012, 92554137014, 92554137015, 92554137016, 92554137017, 92554137019, 92554137020, 92554137021, 92554137022		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/09/21 15:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/09/21 15:02	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		08/09/21 15:02	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		08/09/21 15:02	

LABORATORY CONTROL SAMPLE & LCSD:		3354861								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	327	303	109	101	70-130	8	25	N2
Aromatic (C09-C10)	ug/L	100	122	107	122	107	70-130	14	25	N2
4-Bromofluorobenzene (FID) (S)	%				105	98	70-130			
4-Bromofluorobenzene (PID) (S)	%				106	98	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch:	639344	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92554137006, 92554137013, 92554137018, 92554137023, 92554137024, 92554137025, 92554137026		

METHOD BLANK:	3356257	Matrix:	Water
Associated Lab Samples:	92554137006, 92554137013, 92554137018, 92554137023, 92554137024, 92554137025, 92554137026		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/10/21 23:21	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/10/21 23:21	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/10/21 23:21	
4-Bromofluorobenzene (PID) (S)	%	111	70-130		08/10/21 23:21	

LABORATORY CONTROL SAMPLE & LCSD:		3356258								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	269	93	90	70-130	3	25	N2
Aromatic (C09-C10)	ug/L	100	113	115	113	115	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	105	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch: 638971

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554137001, 92554137002, 92554137003

METHOD BLANK: 3354539

Matrix: Water

Associated Lab Samples: 92554137001, 92554137002, 92554137003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/10/21 04:22	

LABORATORY CONTROL SAMPLE: 3354540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	550	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354541 3354542

Parameter	Units	92553563001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	528	520	105	103	75-125	2	20	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch: 638975

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554137004, 92554137005, 92554137006, 92554137007, 92554137008, 92554137009, 92554137010

METHOD BLANK: 3354548

Matrix: Water

Associated Lab Samples: 92554137004, 92554137005, 92554137006, 92554137007, 92554137008, 92554137009, 92554137010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/10/21 21:09	

LABORATORY CONTROL SAMPLE: 3354549

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	530	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354550 3354551

Parameter	Units	92554137004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	519	519	103	103	75-125	0	20	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch:	638976	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92554137011, 92554137012, 92554137013, 92554137014, 92554137015, 92554137016, 92554137017, 92554137018, 92554137019, 92554137020, 92554137021, 92554137022, 92554137023, 92554137024		

METHOD BLANK:	3354552	Matrix:	Water
Associated Lab Samples:	92554137011, 92554137012, 92554137013, 92554137014, 92554137015, 92554137016, 92554137017, 92554137018, 92554137019, 92554137020, 92554137021, 92554137022, 92554137023, 92554137024		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/11/21 00:00	

LABORATORY CONTROL SAMPLE: 3354553						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	518	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:					3354554								3354555			
Parameter	Units	92554137015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual				
Lead	ug/L	ND	500	500	496	505	98	100	75-125	2	20					

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch:	1723366	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	92554137001, 92554137002, 92554137003, 92554137004, 92554137005, 92554137006, 92554137007, 92554137008, 92554137009, 92554137010, 92554137011, 92554137012, 92554137013, 92554137014, 92554137015, 92554137016		

METHOD BLANK: R3693339-3 Matrix: Water

Associated Lab Samples: 92554137001, 92554137002, 92554137003, 92554137004, 92554137005, 92554137006, 92554137007, 92554137008, 92554137009, 92554137010, 92554137011, 92554137012, 92554137013, 92554137014, 92554137015, 92554137016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/16/21 06:20	
Toluene-d8 (S)	%	94.5	80.0-120		08/16/21 06:20	
4-Bromofluorobenzene (S)	%	87.5	77.0-126		08/16/21 06:20	
1,2-Dichloroethane-d4 (S)	%	101	70.0-130		08/16/21 06:20	

LABORATORY CONTROL SAMPLE: R3693339-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	2.56	128	70.0-130	
Toluene-d8 (S)	%			91.4	80.0-120	
4-Bromofluorobenzene (S)	%			90.3	77.0-126	
1,2-Dichloroethane-d4 (S)	%			94.5	70.0-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch:	1723367	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	92554137017, 92554137018, 92554137019, 92554137020, 92554137021, 92554137022, 92554137023, 92554137024, 92554137025, 92554137026		

METHOD BLANK:	R3692604-3	Matrix:	Water
Associated Lab Samples:	92554137017, 92554137018, 92554137019, 92554137020, 92554137021, 92554137022, 92554137023, 92554137024, 92554137025, 92554137026		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/15/21 19:35	
Toluene-d8 (S)	%	92.7	80.0-120		08/15/21 19:35	
4-Bromofluorobenzene (S)	%	89.4	77.0-126		08/15/21 19:35	
1,2-Dichloroethane-d4 (S)	%	96.6	70.0-130		08/15/21 19:35	

LABORATORY CONTROL SAMPLE: R3692604-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.63	81.5	70.0-130	
Toluene-d8 (S)	%			93.2	80.0-120	
4-Bromofluorobenzene (S)	%			89.0	77.0-126	
1,2-Dichloroethane-d4 (S)	%			91.4	70.0-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch:	638950	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554137001, 92554137002, 92554137003, 92554137004, 92554137005, 92554137007, 92554137008, 92554137009, 92554137010, 92554137012, 92554137013, 92554137014, 92554137015, 92554137016, 92554137017, 92554137018, 92554137019, 92554137020

METHOD BLANK: 3354456

Matrix: Water

Associated Lab Samples: 92554137001, 92554137002, 92554137003, 92554137004, 92554137005, 92554137007, 92554137008, 92554137009, 92554137010, 92554137012, 92554137013, 92554137014, 92554137015, 92554137016, 92554137017, 92554137018, 92554137019, 92554137020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/09/21 14:21	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/09/21 14:21	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/09/21 14:21	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/09/21 14:21	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/09/21 14:21	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/09/21 14:21	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/09/21 14:21	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/09/21 14:21	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/09/21 14:21	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/09/21 14:21	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/09/21 14:21	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/09/21 14:21	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/09/21 14:21	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/09/21 14:21	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/09/21 14:21	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/09/21 14:21	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/09/21 14:21	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/09/21 14:21	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/09/21 14:21	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/09/21 14:21	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/09/21 14:21	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/09/21 14:21	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/09/21 14:21	
Benzene	ug/L	ND	0.50	0.34	08/09/21 14:21	
Bromobenzene	ug/L	ND	0.50	0.29	08/09/21 14:21	
Bromochloromethane	ug/L	ND	0.50	0.47	08/09/21 14:21	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/09/21 14:21	
Bromoform	ug/L	ND	0.50	0.34	08/09/21 14:21	
Bromomethane	ug/L	ND	5.0	1.7	08/09/21 14:21	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/09/21 14:21	
Chlorobenzene	ug/L	ND	0.50	0.28	08/09/21 14:21	
Chloroethane	ug/L	ND	1.0	0.65	08/09/21 14:21	
Chloroform	ug/L	ND	0.50	0.35	08/09/21 14:21	
Chloromethane	ug/L	ND	1.0	0.54	08/09/21 14:21	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/09/21 14:21	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/09/21 14:21	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/09/21 14:21	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

METHOD BLANK: 3354456

Matrix: Water

Associated Lab Samples: 92554137001, 92554137002, 92554137003, 92554137004, 92554137005, 92554137007, 92554137008, 92554137009, 92554137010, 92554137012, 92554137013, 92554137014, 92554137015, 92554137016, 92554137017, 92554137018, 92554137019, 92554137020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	0.50	0.39	08/09/21 14:21	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/09/21 14:21	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/09/21 14:21	
Ethanol	ug/L	ND	200	72.2	08/09/21 14:21	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/09/21 14:21	
Ethylbenzene	ug/L	ND	0.50	0.30	08/09/21 14:21	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/09/21 14:21	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/09/21 14:21	
m&p-Xylene	ug/L	ND	1.0	0.71	08/09/21 14:21	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/09/21 14:21	
Methylene Chloride	ug/L	ND	2.0	2.0	08/09/21 14:21	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/09/21 14:21	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/09/21 14:21	
Naphthalene	ug/L	ND	2.0	0.64	08/09/21 14:21	
o-Xylene	ug/L	ND	0.50	0.34	08/09/21 14:21	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/09/21 14:21	
Styrene	ug/L	ND	0.50	0.29	08/09/21 14:21	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/09/21 14:21	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/09/21 14:21	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/09/21 14:21	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/09/21 14:21	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/09/21 14:21	
Toluene	ug/L	ND	0.50	0.48	08/09/21 14:21	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/09/21 14:21	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/09/21 14:21	
Trichloroethene	ug/L	ND	0.50	0.38	08/09/21 14:21	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/09/21 14:21	
Vinyl chloride	ug/L	ND	1.0	0.39	08/09/21 14:21	
1,2-Dichloroethane-d4 (S)	%	112	70-130		08/09/21 14:21	
4-Bromofluorobenzene (S)	%	106	70-130		08/09/21 14:21	
Toluene-d8 (S)	%	104	70-130		08/09/21 14:21	

LABORATORY CONTROL SAMPLE: 3354457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.3	101	60-140	
1,1,1-Trichloroethane	ug/L	50	61.7	123	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.1	92	60-140	
1,1,2-Trichloroethane	ug/L	50	51.2	102	60-140	
1,1-Dichloroethane	ug/L	50	59.7	119	60-140	
1,1-Dichloroethene	ug/L	50	62.6	125	60-140	
1,1-Dichloropropene	ug/L	50	63.1	126	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

LABORATORY CONTROL SAMPLE: 3354457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichlorobenzene	ug/L	50	50.7	101	60-140	
1,2,3-Trichloropropane	ug/L	50	45.6	91	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.0	100	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.9	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	46.3	93	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	47.6	95	60-140	
1,2-Dichlorobenzene	ug/L	50	47.7	95	60-140	
1,2-Dichloroethane	ug/L	50	58.5	117	60-140	
1,2-Dichloropropane	ug/L	50	52.7	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.3	99	60-140	
1,3-Dichlorobenzene	ug/L	50	48.4	97	60-140	
1,3-Dichloropropane	ug/L	50	48.9	98	60-140	
1,4-Dichlorobenzene	ug/L	50	48.6	97	60-140	
2,2-Dichloropropane	ug/L	50	60.4	121	60-140	
2-Chlorotoluene	ug/L	50	49.5	99	60-140	
4-Chlorotoluene	ug/L	50	46.1	92	60-140	
Benzene	ug/L	50	53.7	107	60-140	
Bromobenzene	ug/L	50	47.4	95	60-140	
Bromochloromethane	ug/L	50	57.8	116	60-140	
Bromodichloromethane	ug/L	50	52.9	106	60-140	
Bromoform	ug/L	50	48.0	96	60-140	
Bromomethane	ug/L	50	64.1	128	60-140	
Carbon tetrachloride	ug/L	50	60.0	120	60-140	
Chlorobenzene	ug/L	50	49.6	99	60-140	
Chloroethane	ug/L	50	48.9	98	60-140	
Chloroform	ug/L	50	55.3	111	60-140	
Chloromethane	ug/L	50	54.1	108	60-140	
cis-1,2-Dichloroethene	ug/L	50	58.5	117	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.1	108	60-140	
Dibromochloromethane	ug/L	50	50.4	101	60-140	
Dibromomethane	ug/L	50	51.0	102	60-140	
Dichlorodifluoromethane	ug/L	50	63.8	128	60-140	
Diisopropyl ether	ug/L	50	55.0	110	60-140	
Ethanol	ug/L	2000	2080	104	60-140	
Ethyl-tert-butyl ether	ug/L	100	118	118	60-140	
Ethylbenzene	ug/L	50	50.9	102	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.2	96	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.4	103	60-140	
m&p-Xylene	ug/L	100	101	101	60-140	
Methyl-tert-butyl ether	ug/L	50	58.4	117	60-140	
Methylene Chloride	ug/L	50	52.0	104	60-140	
n-Butylbenzene	ug/L	50	50.5	101	60-140	
n-Propylbenzene	ug/L	50	49.1	98	60-140	
Naphthalene	ug/L	50	46.5	93	60-140	
o-Xylene	ug/L	50	48.6	97	60-140	
sec-Butylbenzene	ug/L	50	49.3	99	60-140	
Styrene	ug/L	50	49.3	99	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

LABORATORY CONTROL SAMPLE: 3354457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amyl Alcohol	ug/L	1000	1000	100	60-140	
tert-Amylmethyl ether	ug/L	100	107	107	60-140	
tert-Butyl Alcohol	ug/L	500	468	94	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	50.6	101	60-140	
Toluene	ug/L	50	53.2	106	60-140	
trans-1,2-Dichloroethene	ug/L	50	60.6	121	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.4	105	60-140	
Trichloroethene	ug/L	50	55.8	112	60-140	
Trichlorofluoromethane	ug/L	50	60.1	120	60-140	
Vinyl chloride	ug/L	50	58.2	116	60-140	
1,2-Dichloroethane-d4 (S)	%			109	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3354458 3354459

Parameter	Units	92554137001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	26.9	25.7	134	128	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	28.7	26.8	144	134	60-140	7	30	M1
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	27.9	26.4	139	132	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	28.1	26.5	140	133	60-140	6	30	
1,1-Dichloroethane	ug/L	ND	20	20	29.9	28.3	149	142	60-140	5	30	M1
1,1-Dichloroethene	ug/L	ND	20	20	31.4	29.3	157	147	60-140	7	30	M1
1,1-Dichloropropene	ug/L	ND	20	20	29.5	27.7	147	139	60-140	6	30	M1
1,2,3-Trichlorobenzene	ug/L	ND	20	20	25.0	23.8	125	119	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	28.0	26.6	140	133	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	23.1	123	115	60-140	7	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	25.7	24.7	129	124	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.5	24.0	128	120	60-140	6	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	27.4	26.3	137	131	60-140	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	26.7	25.6	134	128	60-140	4	30	
1,2-Dichloroethane	ug/L	ND	20	20	27.5	25.9	138	129	60-140	6	30	
1,2-Dichloropropane	ug/L	ND	20	20	29.8	27.8	149	139	60-140	7	30	M1
1,3,5-Trimethylbenzene	ug/L	ND	20	20	25.4	24.0	127	120	60-140	6	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	26.2	25.0	131	125	60-140	5	30	
1,3-Dichloropropane	ug/L	ND	20	20	28.1	26.4	140	132	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	25.5	24.2	127	121	60-140	5	30	
2,2-Dichloropropane	ug/L	ND	20	20	27.6	25.6	138	128	60-140	8	30	
2-Chlorotoluene	ug/L	ND	20	20	27.0	25.6	135	128	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	26.2	24.7	131	124	60-140	6	30	
Benzene	ug/L	ND	20	20	28.3	26.8	141	134	60-140	6	30	M1
Bromobenzene	ug/L	ND	20	20	26.6	25.3	133	127	60-140	5	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3354458	3354459								
		92554137001	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits		Max RPD	
Parameter	Units	Result								RPD		Qual
Bromochloromethane	ug/L	ND	20	20	29.9	28.1	150	140	60-140	6	30	M1
Bromodichloromethane	ug/L	ND	20	20	24.7	23.2	124	116	60-140	6	30	
Bromoform	ug/L	ND	20	20	24.4	23.3	122	116	60-140	5	30	
Bromomethane	ug/L	ND	20	20	23.4	23.1	115	113	60-140	1	30	
Carbon tetrachloride	ug/L	ND	20	20	26.3	24.8	131	124	60-140	6	30	
Chlorobenzene	ug/L	ND	20	20	27.3	25.8	137	129	60-140	6	30	
Chloroethane	ug/L	ND	20	20	27.6	26.6	138	133	60-140	4	30	
Chloroform	ug/L	ND	20	20	27.3	24.1	137	121	60-140	12	30	
Chloromethane	ug/L	ND	20	20	26.6	26.0	132	129	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	27.7	26.3	138	131	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	26.4	24.8	132	124	60-140	7	30	
Dibromochloromethane	ug/L	ND	20	20	26.6	25.2	133	126	60-140	5	30	
Dibromomethane	ug/L	ND	20	20	27.4	26.1	137	130	60-140	5	30	
Dichlorodifluoromethane	ug/L	ND	20	20	30.7	28.2	153	141	60-140	8	30	M1
Diisopropyl ether	ug/L	ND	20	20	27.6	25.9	137	129	60-140	6	30	
Ethanol	ug/L	ND	800	800	1330	1300	166	162	60-140	3	30	M1
Ethyl-tert-butyl ether	ug/L	ND	40	40	58.8	55.8	147	139	60-140	5	30	M1
Ethylbenzene	ug/L	ND	20	20	27.3	25.5	136	128	60-140	7	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	23.0	21.3	115	107	60-140	7	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	26.6	25.1	133	125	60-140	6	30	
m&p-Xylene	ug/L	ND	40	40	53.3	50.0	133	125	60-140	6	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	28.1	26.6	141	133	60-140	5	30	M1
Methylene Chloride	ug/L	ND	20	20	28.5	26.4	142	132	60-140	7	30	M1
n-Butylbenzene	ug/L	ND	20	20	25.0	23.5	125	118	60-140	6	30	
n-Propylbenzene	ug/L	ND	20	20	26.1	24.6	131	123	60-140	6	30	
Naphthalene	ug/L	ND	20	20	24.4	23.6	122	118	60-140	4	30	
o-Xylene	ug/L	ND	20	20	26.9	25.1	135	126	60-140	7	30	
sec-Butylbenzene	ug/L	ND	20	20	25.9	24.5	129	122	60-140	5	30	
Styrene	ug/L	ND	20	20	26.9	25.6	135	128	60-140	5	30	
tert-Amyl Alcohol	ug/L	ND	400	400	567	551	142	138	60-140	3	30	M1
tert-Amylmethyl ether	ug/L	ND	40	40	55.0	52.1	138	130	60-140	5	30	
tert-Butyl Alcohol	ug/L	ND	200	200	442	436	221	218	60-140	2	30	M1
tert-Butylbenzene	ug/L	ND	20	20	20.9	19.9	104	100	60-140	5	30	
Tetrachloroethene	ug/L	ND	20	20	25.7	23.7	128	119	60-140	8	30	
Toluene	ug/L	ND	20	20	27.4	26.0	137	130	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	29.4	27.0	147	135	60-140	8	30	M1
trans-1,3-Dichloropropene	ug/L	ND	20	20	25.8	24.8	129	124	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	27.6	25.9	138	129	60-140	7	30	
Trichlorofluoromethane	ug/L	ND	20	20	28.6	26.7	143	133	60-140	7	30	M1
Vinyl chloride	ug/L	ND	20	20	29.1	27.7	145	139	60-140	5	30	M1
1,2-Dichloroethane-d4 (S)	%						102	103	70-130			
4-Bromofluorobenzene (S)	%						98	97	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch: 639108

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554137006, 92554137011, 92554137023, 92554137024, 92554137025, 92554137026, 92554137027

METHOD BLANK: 3355085

Matrix: Water

Associated Lab Samples: 92554137006, 92554137011, 92554137023, 92554137024, 92554137025, 92554137026, 92554137027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/11/21 22:59	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/11/21 22:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/11/21 22:59	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/11/21 22:59	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/11/21 22:59	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/11/21 22:59	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/11/21 22:59	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/11/21 22:59	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/11/21 22:59	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/11/21 22:59	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/11/21 22:59	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/11/21 22:59	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/11/21 22:59	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/11/21 22:59	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/11/21 22:59	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/11/21 22:59	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/11/21 22:59	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/11/21 22:59	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/11/21 22:59	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/11/21 22:59	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/11/21 22:59	
Benzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
Bromobenzene	ug/L	ND	0.50	0.29	08/11/21 22:59	
Bromochloromethane	ug/L	ND	0.50	0.47	08/11/21 22:59	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/11/21 22:59	
Bromoform	ug/L	ND	0.50	0.34	08/11/21 22:59	
Bromomethane	ug/L	ND	5.0	1.7	08/11/21 22:59	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/11/21 22:59	
Chlorobenzene	ug/L	ND	0.50	0.28	08/11/21 22:59	
Chloroethane	ug/L	ND	1.0	0.65	08/11/21 22:59	
Chloroform	ug/L	ND	0.50	0.35	08/11/21 22:59	
Chloromethane	ug/L	ND	1.0	0.54	08/11/21 22:59	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/11/21 22:59	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/11/21 22:59	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/11/21 22:59	
Dibromomethane	ug/L	ND	0.50	0.39	08/11/21 22:59	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/11/21 22:59	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/11/21 22:59	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

METHOD BLANK: 3355085

Matrix: Water

Associated Lab Samples: 92554137006, 92554137011, 92554137023, 92554137024, 92554137025, 92554137026, 92554137027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/11/21 22:59	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/11/21 22:59	
Ethylbenzene	ug/L	ND	0.50	0.30	08/11/21 22:59	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/11/21 22:59	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/11/21 22:59	
m&p-Xylene	ug/L	ND	1.0	0.71	08/11/21 22:59	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/11/21 22:59	
Methylene Chloride	ug/L	ND	2.0	2.0	08/11/21 22:59	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/11/21 22:59	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
Naphthalene	ug/L	ND	2.0	0.64	08/11/21 22:59	
o-Xylene	ug/L	ND	0.50	0.34	08/11/21 22:59	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/11/21 22:59	
Styrene	ug/L	ND	0.50	0.29	08/11/21 22:59	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/11/21 22:59	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/11/21 22:59	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/11/21 22:59	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/11/21 22:59	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/11/21 22:59	
Toluene	ug/L	ND	0.50	0.48	08/11/21 22:59	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/11/21 22:59	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/11/21 22:59	
Trichloroethene	ug/L	ND	0.50	0.38	08/11/21 22:59	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/11/21 22:59	
Vinyl chloride	ug/L	ND	1.0	0.39	08/11/21 22:59	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/11/21 22:59	
4-Bromofluorobenzene (S)	%	97	70-130		08/11/21 22:59	
Toluene-d8 (S)	%	100	70-130		08/11/21 22:59	

LABORATORY CONTROL SAMPLE: 3355086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	54.3	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.8	108	60-140	
1,1,2-Trichloroethane	ug/L	50	53.8	108	60-140	
1,1-Dichloroethane	ug/L	50	57.3	115	60-140	
1,1-Dichloroethene	ug/L	50	58.8	118	60-140	
1,1-Dichloropropene	ug/L	50	56.5	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.3	99	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.5	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.2	104	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

LABORATORY CONTROL SAMPLE: 3355086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	52.6	105	60-140	
1,2-Dichloroethane	ug/L	50	51.0	102	60-140	
1,2-Dichloropropane	ug/L	50	56.7	113	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.2	100	60-140	
1,3-Dichlorobenzene	ug/L	50	52.4	105	60-140	
1,3-Dichloropropane	ug/L	50	53.4	107	60-140	
1,4-Dichlorobenzene	ug/L	50	51.1	102	60-140	
2,2-Dichloropropane	ug/L	50	51.4	103	60-140	
2-Chlorotoluene	ug/L	50	53.4	107	60-140	
4-Chlorotoluene	ug/L	50	51.1	102	60-140	
Benzene	ug/L	50	53.2	106	60-140	
Bromobenzene	ug/L	50	52.0	104	60-140	
Bromochloromethane	ug/L	50	57.0	114	60-140	
Bromodichloromethane	ug/L	50	48.1	96	60-140	
Bromoform	ug/L	50	50.5	101	60-140	
Bromomethane	ug/L	50	46.5	93	60-140	
Carbon tetrachloride	ug/L	50	49.5	99	60-140	
Chlorobenzene	ug/L	50	52.1	104	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	51.8	104	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.8	106	60-140	
Dibromochloromethane	ug/L	50	53.2	106	60-140	
Dibromomethane	ug/L	50	53.0	106	60-140	
Dichlorodifluoromethane	ug/L	50	57.5	115	60-140	
Diisopropyl ether	ug/L	50	53.2	106	60-140	
Ethanol	ug/L	2000	2600	130	60-140	
Ethyl-tert-butyl ether	ug/L	100	113	113	60-140	
Ethylbenzene	ug/L	50	51.4	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.6	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	54.0	108	60-140	
Methylene Chloride	ug/L	50	54.3	109	60-140	
n-Butylbenzene	ug/L	50	50.6	101	60-140	
n-Propylbenzene	ug/L	50	51.7	103	60-140	
Naphthalene	ug/L	50	48.6	97	60-140	
o-Xylene	ug/L	50	51.8	104	60-140	
sec-Butylbenzene	ug/L	50	50.6	101	60-140	
Styrene	ug/L	50	53.2	106	60-140	
tert-Amyl Alcohol	ug/L	1000	1100	110	60-140	
tert-Amylmethyl ether	ug/L	100	106	106	60-140	
tert-Butyl Alcohol	ug/L	500	567	113	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

LABORATORY CONTROL SAMPLE: 3355086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	51.3	103	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.8	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.4	103	60-140	
Trichloroethene	ug/L	50	52.9	106	60-140	
Trichlorofluoromethane	ug/L	50	53.2	106	60-140	
Vinyl chloride	ug/L	50	54.7	109	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355087 3355088

Parameter	Units	92554137006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	839	793	105	99	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	800	800	925	866	116	108	60-140	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	855	813	107	102	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	800	800	855	832	107	104	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	800	800	967	905	121	113	60-140	7	30	
1,1-Dichloroethene	ug/L	ND	800	800	1010	944	127	118	60-140	7	30	
1,1-Dichloropropene	ug/L	ND	800	800	954	898	119	112	60-140	6	30	
1,2,3-Trichlorobenzene	ug/L	ND	800	800	734	706	92	88	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	800	800	739	702	92	88	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	800	800	741	696	93	87	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	167	800	800	1020	969	107	100	60-140	5	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	726	696	91	87	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	800	800	841	810	105	101	60-140	4	30	
1,2-Dichlorobenzene	ug/L	ND	800	800	845	799	106	100	60-140	6	30	
1,2-Dichloroethane	ug/L	ND	800	800	893	840	112	105	60-140	6	30	
1,2-Dichloropropane	ug/L	ND	800	800	917	896	115	112	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	800	800	878	807	110	101	60-140	8	30	
1,3-Dichlorobenzene	ug/L	ND	800	800	842	783	105	98	60-140	7	30	
1,3-Dichloropropane	ug/L	ND	800	800	879	831	110	104	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	800	800	824	780	103	97	60-140	6	30	
2,2-Dichloropropane	ug/L	ND	800	800	426	400	53	50	60-140	6	30 M1	
2-Chlorotoluene	ug/L	ND	800	800	891	837	111	105	60-140	6	30	
4-Chlorotoluene	ug/L	ND	800	800	825	764	103	96	60-140	8	30	
Benzene	ug/L	2360	800	800	3350	3250	123	112	60-140	3	30	
Bromobenzene	ug/L	ND	800	800	843	803	105	100	60-140	5	30	
Bromochloromethane	ug/L	ND	800	800	963	922	120	115	60-140	4	30	
Bromodichloromethane	ug/L	ND	800	800	778	741	97	93	60-140	5	30	
Bromoform	ug/L	ND	800	800	754	709	94	89	60-140	6	30	
Bromomethane	ug/L	ND	800	800	413	486	52	61	60-140	16	30 M1	
Carbon tetrachloride	ug/L	ND	800	800	845	779	106	97	60-140	8	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355087 3355088											
Parameter	Units	92554137006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/L	ND	800	800	855	815	107	102	60-140	5	30
Chloroethane	ug/L	ND	800	800	1070	1000	134	126	60-140	6	30
Chloroform	ug/L	ND	800	800	846	807	104	99	60-140	5	30
Chloromethane	ug/L	ND	800	800	734	717	92	90	60-140	2	30
cis-1,2-Dichloroethene	ug/L	ND	800	800	902	850	113	106	60-140	6	30
cis-1,3-Dichloropropene	ug/L	ND	800	800	717	681	90	85	60-140	5	30
Dibromochloromethane	ug/L	ND	800	800	833	787	104	98	60-140	6	30
Dibromomethane	ug/L	ND	800	800	841	817	105	102	60-140	3	30
Dichlorodifluoromethane	ug/L	ND	800	800	943	882	118	110	60-140	7	30
Diisopropyl ether	ug/L	278	800	800	1170	1130	111	106	60-140	4	30
Ethanol	ug/L	ND	32000	32000	37000	37600	116	117	60-140	1	30
Ethyl-tert-butyl ether	ug/L	ND	1600	1600	1840	1780	115	111	60-140	4	30
Ethylbenzene	ug/L	122	800	800	997	936	109	102	60-140	6	30
Hexachloro-1,3-butadiene	ug/L	ND	800	800	665	627	83	78	60-140	6	30
Isopropylbenzene (Cumene)	ug/L	ND	800	800	844	792	106	99	60-140	6	30
m&p-Xylene	ug/L	1080	1600	1600	2840	2720	110	103	60-140	4	30
Methyl-tert-butyl ether	ug/L	38.0	800	800	915	884	110	106	60-140	3	30
Methylene Chloride	ug/L	ND	800	800	956	897	119	112	60-140	6	30
n-Butylbenzene	ug/L	ND	800	800	768	722	96	90	60-140	6	30
n-Propylbenzene	ug/L	ND	800	800	836	788	104	99	60-140	6	30
Naphthalene	ug/L	26.4J	800	800	744	719	90	87	60-140	3	30
o-Xylene	ug/L	559	800	800	1420	1370	108	102	60-140	4	30
sec-Butylbenzene	ug/L	ND	800	800	817	775	102	97	60-140	5	30
Styrene	ug/L	ND	800	800	844	799	106	100	60-140	5	30
tert-Amyl Alcohol	ug/L	ND	16000	16000	15600	15600	95	95	60-140	0	30
tert-Amylmethyl ether	ug/L	ND	1600	1600	1730	1680	108	105	60-140	3	30
tert-Butyl Alcohol	ug/L	ND	8000	8000	10000	9940	125	124	60-140	1	30
tert-Butylbenzene	ug/L	ND	800	800	677	637	85	80	60-140	6	30
Tetrachloroethene	ug/L	ND	800	800	783	746	98	93	60-140	5	30
Toluene	ug/L	4970	800	800	5930	5770	119	100	60-140	3	30
trans-1,2-Dichloroethene	ug/L	ND	800	800	945	882	118	110	60-140	7	30
trans-1,3-Dichloropropene	ug/L	ND	800	800	695	668	87	83	60-140	4	30
Trichloroethene	ug/L	ND	800	800	869	819	109	102	60-140	6	30
Trichlorofluoromethane	ug/L	ND	800	800	944	873	118	109	60-140	8	30
Vinyl chloride	ug/L	ND	800	800	890	846	111	106	60-140	5	30
1,2-Dichloroethane-d4 (S)	%						105	104	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						99	99	70-130		

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

QC Batch: 640040

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554137021, 92554137022

METHOD BLANK: 3359464

Matrix: Water

Associated Lab Samples: 92554137021, 92554137022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:15	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:15	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:15	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:15	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:15	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:15	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:15	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:15	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:15	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:15	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:15	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:15	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:15	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:15	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:15	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:15	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:15	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:15	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:15	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:15	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:15	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:15	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:15	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:15	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:15	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:15	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:15	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:15	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:15	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:15	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:15	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:15	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:15	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:15	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:15	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:15	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:15	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:15	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

METHOD BLANK: 3359464

Matrix: Water

Associated Lab Samples: 92554137021, 92554137022

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:15	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:15	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:15	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:15	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:15	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:15	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:15	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:15	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:15	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:15	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:15	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:15	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:15	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:15	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:15	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:15	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:15	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:15	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:15	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:15	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:15	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:15	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:15	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:15	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:15	
1,2-Dichloroethane-d4 (S)	%	104	70-130		08/12/21 21:15	
4-Bromofluorobenzene (S)	%	97	70-130		08/12/21 21:15	
Toluene-d8 (S)	%	101	70-130		08/12/21 21:15	

LABORATORY CONTROL SAMPLE: 3359465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.6	97	60-140	
1,1,1-Trichloroethane	ug/L	50	49.0	98	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	60-140	
1,1,2-Trichloroethane	ug/L	50	50.9	102	60-140	
1,1-Dichloroethane	ug/L	50	52.4	105	60-140	
1,1-Dichloroethene	ug/L	50	53.4	107	60-140	
1,1-Dichloropropene	ug/L	50	51.5	103	60-140	
1,2,3-Trichlorobenzene	ug/L	50	47.2	94	60-140	
1,2,3-Trichloropropane	ug/L	50	51.0	102	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.2	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.0	98	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

LABORATORY CONTROL SAMPLE: 3359465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	52.4	105	60-140	
1,3,5-Trimethylbenzene	ug/L	50	46.0	92	60-140	
1,3-Dichlorobenzene	ug/L	50	48.3	97	60-140	
1,3-Dichloropropane	ug/L	50	50.9	102	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.2	94	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	49.5	99	60-140	
Bromobenzene	ug/L	50	47.9	96	60-140	
Bromochloromethane	ug/L	50	49.5	99	60-140	
Bromodichloromethane	ug/L	50	45.0	90	60-140	
Bromoform	ug/L	50	48.0	96	60-140	
Bromomethane	ug/L	50	39.1	78	60-140	
Carbon tetrachloride	ug/L	50	44.9	90	60-140	
Chlorobenzene	ug/L	50	48.3	97	60-140	
Chloroethane	ug/L	50	31.4	63	60-140	
Chloroform	ug/L	50	47.7	95	60-140	
Chloromethane	ug/L	50	47.6	95	60-140	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.5	99	60-140	
Dibromochloromethane	ug/L	50	50.0	100	60-140	
Dibromomethane	ug/L	50	49.3	99	60-140	
Dichlorodifluoromethane	ug/L	50	51.6	103	60-140	
Diisopropyl ether	ug/L	50	49.4	99	60-140	
Ethanol	ug/L	2000	2450	123	60-140	
Ethyl-tert-butyl ether	ug/L	100	104	104	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	41.8	84	60-140	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	60-140	
m&p-Xylene	ug/L	100	94.3	94	60-140	
Methyl-tert-butyl ether	ug/L	50	50.6	101	60-140	
Methylene Chloride	ug/L	50	51.9	104	60-140	
n-Butylbenzene	ug/L	50	46.4	93	60-140	
n-Propylbenzene	ug/L	50	47.2	94	60-140	
Naphthalene	ug/L	50	46.4	93	60-140	
o-Xylene	ug/L	50	48.0	96	60-140	
sec-Butylbenzene	ug/L	50	45.9	92	60-140	
Styrene	ug/L	50	49.6	99	60-140	
tert-Amyl Alcohol	ug/L	1000	1050	105	60-140	
tert-Amylmethyl ether	ug/L	100	98.7	99	60-140	
tert-Butyl Alcohol	ug/L	500	534	107	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	47.3	95	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

LABORATORY CONTROL SAMPLE: 3359465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	47.4	95	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.9	104	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	60-140	
Trichloroethene	ug/L	50	48.6	97	60-140	
Trichlorofluoromethane	ug/L	50	46.9	94	60-140	
Vinyl chloride	ug/L	50	49.8	100	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3359466 3359467

Parameter	Units	92554331002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	23.2	21.9	116	109	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	25.5	24.0	127	120	60-140	6	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	23.9	22.8	120	114	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	24.4	23.1	122	116	60-140	5	30	
1,1-Dichloroethane	ug/L	ND	20	20	26.2	25.0	131	125	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	20	20	27.3	26.0	137	130	60-140	5	30	
1,1-Dichloropropene	ug/L	ND	20	20	26.5	25.3	133	127	60-140	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	20.5	110	102	60-140	7	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	24.7	22.7	123	113	60-140	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.9	20.8	110	104	60-140	5	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.5	22.1	118	110	60-140	6	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.7	20.4	108	102	60-140	6	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	23.7	22.3	119	112	60-140	6	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	23.7	22.1	119	110	60-140	7	30	
1,2-Dichloroethane	ug/L	ND	20	20	24.1	23.0	121	115	60-140	5	30	
1,2-Dichloropropane	ug/L	ND	20	20	25.8	24.2	129	121	60-140	6	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.4	21.5	117	107	60-140	8	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	23.4	22.2	117	111	60-140	6	30	
1,3-Dichloropropane	ug/L	ND	20	20	24.1	23.0	120	115	60-140	5	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	23.4	21.6	117	108	60-140	8	30	
2,2-Dichloropropane	ug/L	ND	20	20	26.3	24.7	132	123	60-140	6	30	
2-Chlorotoluene	ug/L	ND	20	20	24.2	22.8	121	114	60-140	6	30	
4-Chlorotoluene	ug/L	ND	20	20	23.7	21.7	118	109	60-140	9	30	
Benzene	ug/L	ND	20	20	24.5	23.4	123	117	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	23.6	21.9	118	109	60-140	8	30	
Bromochloromethane	ug/L	ND	20	20	26.4	25.2	132	126	60-140	5	30	
Bromodichloromethane	ug/L	ND	20	20	21.1	20.2	106	101	60-140	5	30	
Bromoform	ug/L	ND	20	20	20.7	19.4	103	97	60-140	6	30	
Bromomethane	ug/L	ND	20	20	20.2	19.5	101	97	60-140	3	30	
Carbon tetrachloride	ug/L	ND	20	20	23.4	21.4	117	107	60-140	9	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3359466	3359467								
		92554331002	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chlorobenzene	ug/L	ND	20	20	23.9	22.4	119	112	60-140	6	30	
Chloroethane	ug/L	ND	20	20	25.1	24.2	126	121	60-140	4	30	
Chloroform	ug/L	ND	20	20	23.7	22.2	118	111	60-140	6	30	
Chloromethane	ug/L	ND	20	20	23.6	23.3	118	117	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	24.2	23.1	121	116	60-140	5	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	23.2	22.1	116	110	60-140	5	30	
Dibromochloromethane	ug/L	ND	20	20	22.6	21.6	113	108	60-140	5	30	
Dibromomethane	ug/L	ND	20	20	23.2	22.2	116	111	60-140	5	30	
Dichlorodifluoromethane	ug/L	ND	20	20	24.2	22.7	121	114	60-140	6	30	
Diisopropyl ether	ug/L	ND	20	20	24.2	23.3	121	116	60-140	4	30	
Ethanol	ug/L	ND	800	800	1170	1100	146	138	60-140	5	30	M1
Ethyl-tert-butyl ether	ug/L	ND	40	40	51.6	49.3	129	123	60-140	4	30	
Ethylbenzene	ug/L	ND	20	20	23.8	22.4	119	112	60-140	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	21.2	19.8	106	99	60-140	7	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	23.8	22.2	119	111	60-140	7	30	
m&p-Xylene	ug/L	ND	40	40	46.9	44.6	117	112	60-140	5	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	24.4	23.5	122	118	60-140	4	30	
Methylene Chloride	ug/L	ND	20	20	24.5	23.2	123	116	60-140	5	30	
n-Butylbenzene	ug/L	ND	20	20	23.5	22.0	118	110	60-140	7	30	
n-Propylbenzene	ug/L	ND	20	20	24.1	22.2	120	111	60-140	8	30	
Naphthalene	ug/L	ND	20	20	21.5	20.1	108	100	60-140	7	30	
o-Xylene	ug/L	ND	20	20	23.6	22.0	118	110	60-140	7	30	
sec-Butylbenzene	ug/L	ND	20	20	23.8	22.0	119	110	60-140	8	30	
Styrene	ug/L	ND	20	20	23.7	22.5	118	112	60-140	5	30	
tert-Amyl Alcohol	ug/L	ND	400	400	484	459	121	115	60-140	5	30	
tert-Amylmethyl ether	ug/L	ND	40	40	47.9	45.3	120	113	60-140	5	30	
tert-Butyl Alcohol	ug/L	ND	200	200	288	301	144	150	60-140	4	30	M1
tert-Butylbenzene	ug/L	ND	20	20	19.2	17.6	96	88	60-140	9	30	
Tetrachloroethene	ug/L	ND	20	20	22.8	21.3	114	106	60-140	7	30	
Toluene	ug/L	ND	20	20	23.5	22.4	117	112	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.8	24.7	129	124	60-140	4	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	22.9	21.5	115	107	60-140	6	30	
Trichloroethene	ug/L	ND	20	20	24.1	22.7	120	113	60-140	6	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.7	23.5	123	117	60-140	5	30	
Vinyl chloride	ug/L	ND	20	20	25.1	23.6	126	118	60-140	6	30	
1,2-Dichloroethane-d4 (S)	%						103	104	70-130			
4-Bromofluorobenzene (S)	%						98	99	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 92554137006

[1] Volatile Organic Compounds (GC/MS) by Method 6200B-2011 - Non-target compounds too high to run at a lower dilution.

ANALYTE QUALIFIERS

BC The same analyte was detected in an associated blank at a concentration above 1/2 the reporting limit but below the laboratory reporting limit.

C9 Common Laboratory Contaminant.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554137001	MW-01	MADEP VPH	638691		
92554137002	MW-03	MADEP VPH	638691		
92554137003	MW-07	MADEP VPH	638691		
92554137004	MW-07D	MADEP VPH	638691		
92554137005	MW-27	MADEP VPH	639016		
92554137006	MW-29	MADEP VPH	639344		
92554137007	MW-32	MADEP VPH	639016		
92554137008	MW-33	MADEP VPH	639016		
92554137009	MW-35	MADEP VPH	639016		
92554137010	MW-43	MADEP VPH	639016		
92554137011	MW-52	MADEP VPH	639016		
92554137012	MW-53	MADEP VPH	639016		
92554137013	MW-54	MADEP VPH	639344		
92554137014	MW-57D	MADEP VPH	639016		
92554137015	MW-58	MADEP VPH	639016		
92554137016	MW-59	MADEP VPH	639016		
92554137017	MW-63	MADEP VPH	639016		
92554137018	MW-71	MADEP VPH	639344		
92554137019	MW-92	MADEP VPH	639016		
92554137020	MW-93	MADEP VPH	639016		
92554137021	DUP-1-20210805	MADEP VPH	639016		
92554137022	DUP-2-20210805	MADEP VPH	639016		
92554137023	EB-1-20210805	MADEP VPH	639344		
92554137024	EB-2-20210805	MADEP VPH	639344		
92554137025	FB-1-20210805	MADEP VPH	639344		
92554137026	FB-2-20210805	MADEP VPH	639344		
92554137001	MW-01	EPA 3010A	638971	EPA 6010D	639042
92554137002	MW-03	EPA 3010A	638971	EPA 6010D	639042
92554137003	MW-07	EPA 3010A	638971	EPA 6010D	639042
92554137004	MW-07D	EPA 3010A	638975	EPA 6010D	639043
92554137005	MW-27	EPA 3010A	638975	EPA 6010D	639043
92554137006	MW-29	EPA 3010A	638975	EPA 6010D	639043
92554137007	MW-32	EPA 3010A	638975	EPA 6010D	639043
92554137008	MW-33	EPA 3010A	638975	EPA 6010D	639043
92554137009	MW-35	EPA 3010A	638975	EPA 6010D	639043
92554137010	MW-43	EPA 3010A	638975	EPA 6010D	639043
92554137011	MW-52	EPA 3010A	638976	EPA 6010D	639044
92554137012	MW-53	EPA 3010A	638976	EPA 6010D	639044
92554137013	MW-54	EPA 3010A	638976	EPA 6010D	639044
92554137014	MW-57D	EPA 3010A	638976	EPA 6010D	639044
92554137015	MW-58	EPA 3010A	638976	EPA 6010D	639044
92554137016	MW-59	EPA 3010A	638976	EPA 6010D	639044
92554137017	MW-63	EPA 3010A	638976	EPA 6010D	639044

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554137018	MW-71	EPA 3010A	638976	EPA 6010D	639044
92554137019	MW-92	EPA 3010A	638976	EPA 6010D	639044
92554137020	MW-93	EPA 3010A	638976	EPA 6010D	639044
92554137021	DUP-1-20210805	EPA 3010A	638976	EPA 6010D	639044
92554137022	DUP-2-20210805	EPA 3010A	638976	EPA 6010D	639044
92554137023	EB-1-20210805	EPA 3010A	638976	EPA 6010D	639044
92554137024	EB-2-20210805	EPA 3010A	638976	EPA 6010D	639044
92554137001	MW-01	6200B-2011	1723366	SM 6200B	1723366
92554137002	MW-03	6200B-2011	1723366	SM 6200B	1723366
92554137003	MW-07	6200B-2011	1723366	SM 6200B	1723366
92554137004	MW-07D	6200B-2011	1723366	SM 6200B	1723366
92554137005	MW-27	6200B-2011	1723366	SM 6200B	1723366
92554137006	MW-29	6200B-2011	1723366	SM 6200B	1723366
92554137007	MW-32	6200B-2011	1723366	SM 6200B	1723366
92554137008	MW-33	6200B-2011	1723366	SM 6200B	1723366
92554137009	MW-35	6200B-2011	1723366	SM 6200B	1723366
92554137010	MW-43	6200B-2011	1723366	SM 6200B	1723366
92554137011	MW-52	6200B-2011	1723366	SM 6200B	1723366
92554137012	MW-53	6200B-2011	1723366	SM 6200B	1723366
92554137013	MW-54	6200B-2011	1723366	SM 6200B	1723366
92554137014	MW-57D	6200B-2011	1723366	SM 6200B	1723366
92554137015	MW-58	6200B-2011	1723366	SM 6200B	1723366
92554137016	MW-59	6200B-2011	1723366	SM 6200B	1723366
92554137017	MW-63	6200B-2011	1723367	SM 6200B	1723367
92554137018	MW-71	6200B-2011	1723367	SM 6200B	1723367
92554137019	MW-92	6200B-2011	1723367	SM 6200B	1723367
92554137020	MW-93	6200B-2011	1723367	SM 6200B	1723367
92554137021	DUP-1-20210805	6200B-2011	1723367	SM 6200B	1723367
92554137022	DUP-2-20210805	6200B-2011	1723367	SM 6200B	1723367
92554137023	EB-1-20210805	6200B-2011	1723367	SM 6200B	1723367
92554137024	EB-2-20210805	6200B-2011	1723367	SM 6200B	1723367
92554137025	FB-1-20210805	6200B-2011	1723367	SM 6200B	1723367
92554137026	FB-2-20210805	6200B-2011	1723367	SM 6200B	1723367
92554137001	MW-01	SM 6200B	638950		
92554137002	MW-03	SM 6200B	638950		
92554137003	MW-07	SM 6200B	638950		
92554137004	MW-07D	SM 6200B	638950		
92554137005	MW-27	SM 6200B	638950		
92554137006	MW-29	SM 6200B	639108		
92554137007	MW-32	SM 6200B	638950		
92554137008	MW-33	SM 6200B	638950		
92554137009	MW-35	SM 6200B	638950		
92554137010	MW-43	SM 6200B	638950		
92554137011	MW-52	SM 6200B	639108		
92554137012	MW-53	SM 6200B	638950		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

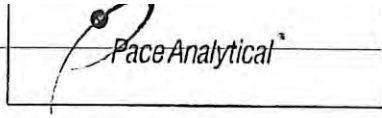
Project: CPC Huntersville-60639876

Pace Project No.: 92554137

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554137013	MW-54	SM 6200B	638950		
92554137014	MW-57D	SM 6200B	638950		
92554137015	MW-58	SM 6200B	638950		
92554137016	MW-59	SM 6200B	638950		
92554137017	MW-63	SM 6200B	638950		
92554137018	MW-71	SM 6200B	638950		
92554137019	MW-92	SM 6200B	638950		
92554137020	MW-93	SM 6200B	638950		
92554137021	DUP-1-20210805	SM 6200B	640040		
92554137022	DUP-2-20210805	SM 6200B	640040		
92554137023	EB-1-20210805	SM 6200B	639108		
92554137024	EB-2-20210805	SM 6200B	639108		
92554137025	FB-1-20210805	SM 6200B	639108		
92554137026	FB-2-20210805	SM 6200B	639108		
92554137027	Trip Blank	SM 6200B	639108		

REPORT OF LABORATORY ANALYSIS

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	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition
Upon Receipt

Client Name:

AECOM

Project #:

WO#: 92554137



92554137

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client
☐ Commercial ☐ Pace ☐ Other: _____

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No

Date/Initials-Person-Examining-Contents: 8/6/21 AMP

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer:

☒ IR Gun ID: 92T064

Type of Ice:

☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen?

☐ Yes ☐ No ☒ N/A

Cooler Temp:

0.6/24/4.7

Correction Factor:

Add/Subtract (°C) -0.1

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C):

0.5/2.3/4.6

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

Comments/Discrepancy:

Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A	
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☒ N/A	8.
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>WT</u>		
Headspace in VOA Vials (>5-6mm)?	☒ Yes ☐ No ☐ N/A	10.
Trip Blank Present?	☒ Yes ☐ No ☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes ☐ No ☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Sample MW-32 missing 1 DG9H

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

W0# : 92554137
PM: BV Due Date: 08/12/21
CLIENT: 92-AECOM CHA

		Item#																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</
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pH Adjustment Log for Preserved Samples						
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project #

Pg 2

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pH Adjustment Log for Preserved Samples						
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
****Bottom half of box is to list number of bottles**

Project #

	Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH <2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-SO3S kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
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pH Adjustment Log for Preserved Samples						
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.



Submitting a sample via this chain of custody constitutes acknowledgment and

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Yellow

Section A Required Client Information:

Company: AECOM
Address: 6000 Fairview Road
Suite 200, Charlotte, NC 28210
Email: andrew.weschling@aecom.com
Phone: (704) 716-0757 Fax
Requested Due Date:

Section B Required Project Information:

Report To: Andy Weschling
Copy To:
Purchase Order #:
Project Name: DPC Huntersville-60639876
Project #:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote: 60639876
Pace Project Manager: bonnie.vang@paceclabs.com
Pace Profile #: 8458

Regulatory Agency

State / Location: NC

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample ids must be unique	MATRIX Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AK OT TS	COLLECTED		DATE		TIME		SAMPLE TEMP AT COLLECTION		# OF CONTAINERS		Preservatives		Analyses Test		Residual Chlorine (Y/N)	
				START	END	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME

1	NW-01					8/5/21	1440												
2	NW-03						1405												
3	NW-07						1310												
4	NW-07D						1200												
5	NW-27						1115												
6	NW-29						1135												
7	NW-32						1420												
8	NW-33						0825												
9	NW-35						1015												
10	NW-43						1025												
11	NW-52						1230												
12	NW-53						1025												

ADDITIONAL COMMENTS

REINQUISHED BY / AFFILIATION

DATE

TIME

ACCEPTED BY / AFFILIATION

DATE

TIME

SAMPLE CONDITIONS

Emily P. Fore / AECOM

8/5/21

1720

Bonnie Vang / Pace

8/23/21 17:20

0.5

Y

N

Y

2.3

4.6

SAMPLER NAME AND SIGNATURE

PRINT Name

SIGNATURE

Emily P. Fore

Emily P. Fore

DATE Signed:

8/5/2021

TEMP in C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

CHAIN-OF-CUSTODY / Analytical Request Document

yellow

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.

Section A

Section B

Section C

Section D

Section E

Section F

Section G

Section H

Section I

Section J

Section K

Section L

Section M

Section N

Section O

Section P

Section Q

Section R

Section S

Section T

Section U

Section V

Section W

Section X

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Section KO

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Section KU

Section KV

Section KW



CHAIN-OF-CUSTODY / Analytical Request Document

Yellow

Submitting a sample via this chain of custody constitutes acknowledgment and

acceptance of the Pace Terms and Conditions found at <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>.

Section A

Section B

Section C

Required Client Information:

Required Project Information:

Invoice Information:

Company:

Attention:

Company Name:

Page: 3 of 3

Address:

Address:

Address:

Regulatory Agency

Suite 200, Charlotte, NC 28210

Address:

Address:

State / Location

Email:

Pace Quote:

Pace Project Manager:

State / Location

Phone:

Pace Profile #:

Pace Profile #:

State / Location

Requested Due Date:

Requested Analysis Filtered (Y/N)

Requested Analysis Filtered (Y/N)

State / Location

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State / Location

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Report To:

State / Location

SAMPLER NAME AND SIGNATURE		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
PRINT Name		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
SIGNATURE		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
SAMPLER: Emily Love		8/5/21		17:20		Pace Labs		8-5-21		17:20		0.5 y 2.3 4.6	
DATE Signed: 8/5/2021													
TEMP in C													
Received on Ice (Y/N)													
Custody Sealed Cooler (Y/N)													
Samples Intact (Y/N)													

August 18, 2021

Andrew Wreschnig
AECOM
6000 Fairview Road
Suite 200
Charlotte, NC 28210

RE: Project: CPC Huntersville-60639876
Pace Project No.: 92554285

Dear Andrew Wreschnig:

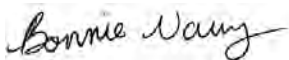
Enclosed are the analytical results for sample(s) received by the laboratory on August 06, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Teresa Amentt Jennings, AECOM
Jeff Morrison, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LA000356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Mold Certification #: LAB0152

Texas Certification #: T 104704245-17-14

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Virginia Certification #: VT2006

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinney Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification #: LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554285001	FB-1-20210806	Water	08/06/21 10:00	08/06/21 15:37
92554285002	MW-05	Water	08/06/21 10:10	08/06/21 15:37
92554285003	MW-12	Water	08/06/21 09:40	08/06/21 15:37
92554285004	DUP-1-20210806	Water	08/06/21 00:00	08/06/21 15:37
92554285005	MW-25D	Water	08/06/21 10:35	08/06/21 15:37
92554285006	MW-15	Water	08/06/21 11:30	08/06/21 15:37
92554285007	MW-04	Water	08/06/21 11:35	08/06/21 15:37
92554285008	MW-02	Water	08/06/21 12:50	08/06/21 15:37
92554285009	MW-36	Water	08/06/21 12:50	08/06/21 15:37
92554285010	MW-36DR	Water	08/06/21 13:30	08/06/21 15:37
92554285011	EB-1-20210806	Water	08/06/21 14:30	08/06/21 15:37
92554285012	Trip Blank	Water	08/06/21 00:00	08/06/21 15:37
92554285013	TB-2	Water	08/06/21 00:00	08/06/21 15:37

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554285001	FB-1-20210806	MADEP VPH	MAD	6	PASI-C
		SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
92554285002	MW-05	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
92554285003	MW-12	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
92554285004	DUP-1-20210806	SM 6200B	ACG	4	PAN
		SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92554285005	MW-25D	EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92554285006	MW-15	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
92554285007	MW-04	SM 6200B	PM1	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
92554285008	MW-02	SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
92554285009	MW-36	EPA 6010D	DS	1	PASI-A
		SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
92554285010	MW-36DR	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554285011	EB-1-20210806	SM 6200B	ACG	4	PAN
		SM 6200B	SAS	68	PASI-C
		MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	JHH	4	PAN
92554285012	Trip Blank	SM 6200B	SAS	68	PASI-C
		SM 6200B	SAS	68	PASI-C
92554285013	TB-2	SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: FB-1-20210806 Lab ID: 92554285001 Collected: 08/06/21 10:00 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 01:44		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 01:44		N2
Aliphatic (C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 01:44		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 01:44		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/11/21 01:44	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/11/21 01:44	460-00-4	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 23:03	08/15/21 23:03	71-36-3	
Surrogates									
Toluene-d8 (S)	93.4	%	80.0-120		1	08/15/21 23:03	08/15/21 23:03	2037-26-5	
4-Bromofluorobenzene (S)	87.6	%	77.0-126		1	08/15/21 23:03	08/15/21 23:03	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70.0-130		1	08/15/21 23:03	08/15/21 23:03	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 00:11	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 00:11	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 00:11	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 00:11	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 00:11	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 00:11	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 00:11	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 00:11	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 00:11	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 00:11	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 00:11	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 00:11	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 00:11	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 00:11	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 00:11	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 00:11	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 00:11	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 00:11	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 00:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 00:11	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 00:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 00:11	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 00:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 00:11	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 00:11	75-71-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: FB-1-20210806 Lab ID: 92554285001 Collected: 08/06/21 10:00 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 00:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 00:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 00:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 00:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 00:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 00:11	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 00:11	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 00:11	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 00:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 00:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 00:11	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 00:11	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 00:11	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 00:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 00:11	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 00:11	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 00:11	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 00:11	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 00:11	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 00:11	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 00:11	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 00:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 00:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 00:11	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 00:11	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 00:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 00:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 00:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 00:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 00:11	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 00:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 00:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 00:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 00:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 00:11	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 00:11	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 00:11	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 00:11	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/12/21 00:11	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/12/21 00:11	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/12/21 00:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-05		Lab ID: 92554285002		Collected: 08/06/21 10:10		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 02:12		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 02:12		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 02:12		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 02:12		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/11/21 02:12	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/11/21 02:12	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 13:30	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 23:24	08/15/21 23:24	71-36-3	
Surrogates									
Toluene-d8 (S)	95.9	%	80.0-120		1	08/15/21 23:24	08/15/21 23:24	2037-26-5	
4-Bromofluorobenzene (S)	92.4	%	77.0-126		1	08/15/21 23:24	08/15/21 23:24	460-00-4	
1,2-Dichloroethane-d4 (S)	97.0	%	70.0-130		1	08/15/21 23:24	08/15/21 23:24	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 01:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 01:41	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 01:41	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 01:41	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 01:41	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 01:41	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 01:41	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 01:41	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 01:41	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 01:41	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 01:41	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 01:41	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 01:41	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 01:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 01:41	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 01:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 01:41	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 01:41	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 01:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 01:41	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 01:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 01:41	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 01:41	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-05		Lab ID: 92554285002		Collected: 08/06/21 10:10		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 01:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 01:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 01:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 01:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 01:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 01:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 01:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 01:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 01:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 01:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 01:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 01:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 01:41	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 01:41	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 01:41	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 01:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 01:41	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 01:41	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 01:41	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 01:41	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 01:41	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 01:41	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:41	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 01:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 01:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 01:41	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 01:41	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 01:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 01:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 01:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 01:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 01:41	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 01:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 01:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 01:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 01:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 01:41	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 01:41	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 01:41	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 01:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/12/21 01:41	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/12/21 01:41	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-05		Lab ID: 92554285002		Collected: 08/06/21 10:10		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/12/21 01:41	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-12		Lab ID: 92554285003		Collected: 08/06/21 09:40		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 02:41		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 02:41		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 02:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 02:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/11/21 02:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/11/21 02:41	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 13:43	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/15/21 23:44	08/15/21 23:44	71-36-3	
Surrogates									
Toluene-d8 (S)	91.6	%	80.0-120		1	08/15/21 23:44	08/15/21 23:44	2037-26-5	
4-Bromofluorobenzene (S)	87.6	%	77.0-126		1	08/15/21 23:44	08/15/21 23:44	460-00-4	
1,2-Dichloroethane-d4 (S)	98.3	%	70.0-130		1	08/15/21 23:44	08/15/21 23:44	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 01:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 01:05	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 01:05	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 01:05	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 01:05	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 01:05	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 01:05	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 01:05	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 01:05	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 01:05	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 01:05	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 01:05	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 01:05	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 01:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 01:05	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 01:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 01:05	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 01:05	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 01:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 01:05	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 01:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 01:05	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 01:05	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-12		Lab ID: 92554285003		Collected: 08/06/21 09:40		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 01:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 01:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 01:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 01:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 01:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 01:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 01:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 01:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 01:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 01:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 01:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 01:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 01:05	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 01:05	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 01:05	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 01:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 01:05	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 01:05	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 01:05	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 01:05	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 01:05	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 01:05	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:05	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 01:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 01:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 01:05	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 01:05	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 01:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 01:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 01:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 01:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 01:05	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 01:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 01:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 01:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 01:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 01:05	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 01:05	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 01:05	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 01:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/12/21 01:05	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/12/21 01:05	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-12		Lab ID: 92554285003		Collected: 08/06/21 09:40		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/12/21 01:05	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: DUP-1-20210806 Lab ID: 92554285004 Collected: 08/06/21 00:00 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 03:09		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 03:09		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 03:09		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 03:09		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/11/21 03:09	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/11/21 03:09	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 13:46	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 00:05	08/16/21 00:05	71-36-3	
Surrogates									
Toluene-d8 (S)	94.4	%	80.0-120		1	08/16/21 00:05	08/16/21 00:05	2037-26-5	
4-Bromofluorobenzene (S)	89.2	%	77.0-126		1	08/16/21 00:05	08/16/21 00:05	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 00:05	08/16/21 00:05	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 14:49	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 14:49	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 14:49	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 14:49	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 14:49	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 14:49	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 14:49	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 14:49	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 14:49	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 14:49	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 14:49	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 14:49	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 14:49	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 14:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 14:49	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/13/21 14:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 14:49	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 14:49	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 14:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 14:49	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 14:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 14:49	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 14:49	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: DUP-1-20210806 Lab ID: 92554285004 Collected: 08/06/21 00:00 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 14:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 14:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 14:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 14:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 14:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 14:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 14:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 14:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 14:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 14:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 14:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 14:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 14:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 14:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 14:49	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 14:49	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 14:49	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 14:49	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 14:49	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 14:49	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 14:49	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 14:49	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 14:49	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 14:49	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 14:49	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 14:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 14:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 14:49	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 14:49	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 14:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 14:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 14:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 14:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 14:49	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 14:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 14:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 14:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 14:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 14:49	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 14:49	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 14:49	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 14:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/13/21 14:49	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		08/13/21 14:49	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: DUP-1-20210806		Lab ID: 92554285004		Collected: 08/06/21 00:00		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/13/21 14:49	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-25D Lab ID: 92554285005 Collected: 08/06/21 10:35 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	87.3	ug/L	50.0	50.0	1		08/11/21 03:38		N2
Aliphatic (C05-C08)	82.3	ug/L	50.0	50.0	1		08/11/21 03:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 03:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 03:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/11/21 03:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/11/21 03:38	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 13:49	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 00:26	08/16/21 00:26	71-36-3	
Surrogates									
Toluene-d8 (S)	94.2	%	80.0-120		1	08/16/21 00:26	08/16/21 00:26	2037-26-5	
4-Bromofluorobenzene (S)	87.3	%	77.0-126		1	08/16/21 00:26	08/16/21 00:26	460-00-4	
1,2-Dichloroethane-d4 (S)	97.5	%	70.0-130		1	08/16/21 00:26	08/16/21 00:26	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 03:28	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 03:28	994-05-8	
Benzene	4.8	ug/L	0.50	0.34	1		08/12/21 03:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 03:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 03:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 03:28	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 03:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 03:28	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 03:28	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 03:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 03:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 03:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 03:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 03:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 03:28	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 03:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 03:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 03:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 03:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 03:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 03:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 03:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 03:28	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-25D		Lab ID: 92554285005		Collected: 08/06/21 10:35		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 03:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 03:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 03:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 03:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 03:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 03:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 03:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 03:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 03:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 03:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 03:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 03:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 03:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 03:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 03:28	10061-02-6	
Diisopropyl ether	15.5	ug/L	0.50	0.31	1		08/12/21 03:28	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 03:28	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 03:28	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 03:28	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 03:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 03:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 03:28	75-09-2	
Methyl-tert-butyl ether	8.0	ug/L	0.50	0.42	1		08/12/21 03:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 03:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 03:28	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 03:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 03:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 03:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 03:28	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 03:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 03:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 03:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 03:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 03:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 03:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 03:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 03:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 03:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 03:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 03:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 03:28	179601-23-1	
o-Xylene	1.1	ug/L	0.50	0.34	1		08/12/21 03:28	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/12/21 03:28	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/12/21 03:28	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-25D		Lab ID: 92554285005		Collected: 08/06/21 10:35		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/12/21 03:28	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-15		Lab ID: 92554285006		Collected: 08/06/21 11:30		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 04:06		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 04:06		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 04:06		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 04:06		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/11/21 04:06	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/11/21 04:06	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 13:59	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 00:47	08/16/21 00:47	71-36-3	
Surrogates									
Toluene-d8 (S)	94.4	%	80.0-120		1	08/16/21 00:47	08/16/21 00:47	2037-26-5	
4-Bromofluorobenzene (S)	89.8	%	77.0-126		1	08/16/21 00:47	08/16/21 00:47	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70.0-130		1	08/16/21 00:47	08/16/21 00:47	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 01:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 01:23	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 01:23	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 01:23	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 01:23	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 01:23	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 01:23	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 01:23	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 01:23	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 01:23	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 01:23	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 01:23	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 01:23	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 01:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 01:23	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 01:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 01:23	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 01:23	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 01:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 01:23	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 01:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 01:23	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 01:23	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-15		Lab ID: 92554285006		Collected: 08/06/21 11:30		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 01:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 01:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 01:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 01:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 01:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 01:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 01:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 01:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 01:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 01:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 01:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 01:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 01:23	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 01:23	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 01:23	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 01:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 01:23	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 01:23	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 01:23	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 01:23	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 01:23	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 01:23	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 01:23	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 01:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 01:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 01:23	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 01:23	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 01:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 01:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 01:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 01:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 01:23	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 01:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 01:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 01:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 01:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 01:23	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 01:23	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 01:23	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 01:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/12/21 01:23	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/12/21 01:23	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-15		Lab ID: 92554285006		Collected: 08/06/21 11:30		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/12/21 01:23	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-04 Lab ID: 92554285007 Collected: 08/06/21 11:35 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 04:34		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 04:34		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 04:34		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 04:34		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1		08/11/21 04:34	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/11/21 04:34	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 14:02	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 01:08	08/16/21 01:08	71-36-3	
Surrogates									
Toluene-d8 (S)	93.1	%	80.0-120		1	08/16/21 01:08	08/16/21 01:08	2037-26-5	
4-Bromofluorobenzene (S)	88.0	%	77.0-126		1	08/16/21 01:08	08/16/21 01:08	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 01:08	08/16/21 01:08	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/10/21 14:31	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/10/21 14:31	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/10/21 14:31	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/10/21 14:31	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/10/21 14:31	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/10/21 14:31	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/10/21 14:31	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/10/21 14:31	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/10/21 14:31	75-65-0	M1
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/10/21 14:31	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/10/21 14:31	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/10/21 14:31	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/10/21 14:31	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/10/21 14:31	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/10/21 14:31	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/10/21 14:31	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/10/21 14:31	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 14:31	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 14:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/10/21 14:31	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/10/21 14:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/10/21 14:31	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/10/21 14:31	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-04		Lab ID: 92554285007		Collected: 08/06/21 11:35		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 14:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 14:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/10/21 14:31	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/10/21 14:31	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/10/21 14:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 14:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/10/21 14:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 14:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/10/21 14:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/10/21 14:31	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/10/21 14:31	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/10/21 14:31	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/10/21 14:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 14:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 14:31	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/10/21 14:31	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/10/21 14:31	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/10/21 14:31	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/10/21 14:31	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/10/21 14:31	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/10/21 14:31	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/10/21 14:31	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/10/21 14:31	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/10/21 14:31	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/10/21 14:31	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/10/21 14:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/10/21 14:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/10/21 14:31	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/10/21 14:31	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/10/21 14:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/10/21 14:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/10/21 14:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/10/21 14:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 14:31	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 14:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/10/21 14:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/10/21 14:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/10/21 14:31	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/10/21 14:31	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/10/21 14:31	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/10/21 14:31	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/10/21 14:31	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	130	%	70-130		1		08/10/21 14:31	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/10/21 14:31	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-04		Lab ID: 92554285007		Collected: 08/06/21 11:35		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/10/21 14:31	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-02		Lab ID: 92554285008		Collected: 08/06/21 12:50		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 05:03		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 05:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 05:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 05:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	103	%	70-130		1		08/11/21 05:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	111	%	70-130		1		08/11/21 05:03	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 14:05	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 01:28	08/16/21 01:28	71-36-3	
Surrogates									
Toluene-d8 (S)	93.0	%	80.0-120		1	08/16/21 01:28	08/16/21 01:28	2037-26-5	
4-Bromofluorobenzene (S)	86.3	%	77.0-126		1	08/16/21 01:28	08/16/21 01:28	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130		1	08/16/21 01:28	08/16/21 01:28	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/10/21 14:50	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/10/21 14:50	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/10/21 14:50	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/10/21 14:50	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/10/21 14:50	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/10/21 14:50	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/10/21 14:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/10/21 14:50	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/10/21 14:50	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/10/21 14:50	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/10/21 14:50	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/10/21 14:50	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/10/21 14:50	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/10/21 14:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/10/21 14:50	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/10/21 14:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/10/21 14:50	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 14:50	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 14:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/10/21 14:50	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/10/21 14:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/10/21 14:50	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/10/21 14:50	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-02		Lab ID: 92554285008		Collected: 08/06/21 12:50		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 14:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 14:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/10/21 14:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/10/21 14:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/10/21 14:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 14:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/10/21 14:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 14:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/10/21 14:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/10/21 14:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/10/21 14:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/10/21 14:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/10/21 14:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 14:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 14:50	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/10/21 14:50	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/10/21 14:50	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/10/21 14:50	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/10/21 14:50	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/10/21 14:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/10/21 14:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/10/21 14:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/10/21 14:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/10/21 14:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/10/21 14:50	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/10/21 14:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/10/21 14:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/10/21 14:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/10/21 14:50	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/10/21 14:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/10/21 14:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/10/21 14:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/10/21 14:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 14:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 14:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/10/21 14:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/10/21 14:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/10/21 14:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/10/21 14:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/10/21 14:50	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/10/21 14:50	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/10/21 14:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	123	%	70-130		1		08/10/21 14:50	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		08/10/21 14:50	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-02		Lab ID: 92554285008		Collected: 08/06/21 12:50		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/10/21 14:50	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-36 Lab ID: 92554285009 Collected: 08/06/21 12:50 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 05:31		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 05:31		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 05:31		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 05:31		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/11/21 05:31	460-00-4	
4-Bromofluorobenzene (PID) (S)	108	%	70-130		1		08/11/21 05:31	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 14:08	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 01:49	08/16/21 01:49	71-36-3	
Surrogates									
Toluene-d8 (S)	91.2	%	80.0-120		1	08/16/21 01:49	08/16/21 01:49	2037-26-5	
4-Bromofluorobenzene (S)	88.7	%	77.0-126		1	08/16/21 01:49	08/16/21 01:49	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70.0-130		1	08/16/21 01:49	08/16/21 01:49	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/10/21 15:08	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/10/21 15:08	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/10/21 15:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/10/21 15:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/10/21 15:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/10/21 15:08	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/10/21 15:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/10/21 15:08	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/10/21 15:08	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/10/21 15:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/10/21 15:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/10/21 15:08	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/10/21 15:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/10/21 15:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/10/21 15:08	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/10/21 15:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/10/21 15:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 15:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 15:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/10/21 15:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/10/21 15:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/10/21 15:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/10/21 15:08	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-36		Lab ID: 92554285009		Collected: 08/06/21 12:50		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 15:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 15:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/10/21 15:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/10/21 15:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/10/21 15:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 15:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/10/21 15:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 15:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/10/21 15:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/10/21 15:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/10/21 15:08	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/10/21 15:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/10/21 15:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 15:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 15:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/10/21 15:08	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/10/21 15:08	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/10/21 15:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/10/21 15:08	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/10/21 15:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/10/21 15:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/10/21 15:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/10/21 15:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/10/21 15:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/10/21 15:08	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/10/21 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/10/21 15:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/10/21 15:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/10/21 15:08	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/10/21 15:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/10/21 15:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/10/21 15:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/10/21 15:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 15:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 15:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/10/21 15:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/10/21 15:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/10/21 15:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/10/21 15:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/10/21 15:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/10/21 15:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/10/21 15:08	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	134	%	70-130		1		08/10/21 15:08	17060-07-0	S3
4-Bromofluorobenzene (S)	100	%	70-130		1		08/10/21 15:08	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-36		Lab ID: 92554285009		Collected: 08/06/21 12:50		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	102	%	70-130		1		08/10/21 15:08	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-36DR		Lab ID: 92554285010		Collected: 08/06/21 13:30		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 06:00		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 06:00		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 06:00		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 06:00		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	104	%	70-130		1		08/11/21 06:00	460-00-4	
4-Bromofluorobenzene (PID) (S)	112	%	70-130		1		08/11/21 06:00	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 14:12	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 02:10	08/16/21 02:10	71-36-3	
Surrogates									
Toluene-d8 (S)	92.0	%	80.0-120		1	08/16/21 02:10	08/16/21 02:10	2037-26-5	
4-Bromofluorobenzene (S)	86.0	%	77.0-126		1	08/16/21 02:10	08/16/21 02:10	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70.0-130		1	08/16/21 02:10	08/16/21 02:10	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/10/21 15:26	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/10/21 15:26	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/10/21 15:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/10/21 15:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/10/21 15:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/10/21 15:26	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/10/21 15:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/10/21 15:26	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/10/21 15:26	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/10/21 15:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/10/21 15:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/10/21 15:26	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/10/21 15:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/10/21 15:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/10/21 15:26	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/10/21 15:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/10/21 15:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 15:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 15:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/10/21 15:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/10/21 15:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/10/21 15:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/10/21 15:26	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-36DR		Lab ID: 92554285010		Collected: 08/06/21 13:30		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 15:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 15:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/10/21 15:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/10/21 15:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/10/21 15:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 15:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/10/21 15:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 15:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/10/21 15:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/10/21 15:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/10/21 15:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/10/21 15:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/10/21 15:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 15:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 15:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/10/21 15:26	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/10/21 15:26	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/10/21 15:26	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/10/21 15:26	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/10/21 15:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/10/21 15:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/10/21 15:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/10/21 15:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/10/21 15:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/10/21 15:26	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/10/21 15:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/10/21 15:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/10/21 15:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/10/21 15:26	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/10/21 15:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/10/21 15:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/10/21 15:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/10/21 15:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 15:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 15:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/10/21 15:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/10/21 15:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/10/21 15:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/10/21 15:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/10/21 15:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/10/21 15:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/10/21 15:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	131	%	70-130		1		08/10/21 15:26	17060-07-0	S3
4-Bromofluorobenzene (S)	100	%	70-130		1		08/10/21 15:26	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: MW-36DR		Lab ID: 92554285010		Collected: 08/06/21 13:30		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/10/21 15:26	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: EB-1-20210806 Lab ID: 92554285011 Collected: 08/06/21 14:30 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/11/21 06:28		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/11/21 06:28		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/11/21 06:28		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/11/21 06:28		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/11/21 06:28	460-00-4	
4-Bromofluorobenzene (PID) (S)	110	%	70-130		1		08/11/21 06:28	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/12/21 02:03	08/12/21 14:15	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	mg/L	0.200	0.150	1	08/16/21 13:18	08/16/21 13:18	71-36-3	
Surrogates									
Toluene-d8 (S)	107	%	80.0-120		1	08/16/21 13:18	08/16/21 13:18	2037-26-5	
4-Bromofluorobenzene (S)	92.6	%	77.0-126		1	08/16/21 13:18	08/16/21 13:18	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70.0-130		1	08/16/21 13:18	08/16/21 13:18	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/10/21 13:00	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/10/21 13:00	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/10/21 13:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/10/21 13:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/10/21 13:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/10/21 13:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/10/21 13:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/10/21 13:00	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/10/21 13:00	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/10/21 13:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/10/21 13:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/10/21 13:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/10/21 13:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/10/21 13:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/10/21 13:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/10/21 13:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/10/21 13:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 13:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 13:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/10/21 13:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/10/21 13:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/10/21 13:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/10/21 13:00	74-95-3	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: EB-1-20210806 Lab ID: 92554285011 Collected: 08/06/21 14:30 Received: 08/06/21 15:37 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/10/21 13:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/10/21 13:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/10/21 13:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 13:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/10/21 13:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 13:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/10/21 13:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/10/21 13:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/10/21 13:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/10/21 13:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/10/21 13:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 13:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 13:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/10/21 13:00	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/10/21 13:00	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/10/21 13:00	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/10/21 13:00	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/10/21 13:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/10/21 13:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/10/21 13:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/10/21 13:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/10/21 13:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/10/21 13:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/10/21 13:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/10/21 13:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/10/21 13:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/10/21 13:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/10/21 13:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/10/21 13:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/10/21 13:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 13:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 13:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/10/21 13:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/10/21 13:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/10/21 13:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/10/21 13:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/10/21 13:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/10/21 13:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/10/21 13:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		1		08/10/21 13:00	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		08/10/21 13:00	460-00-4	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: EB-1-20210806		Lab ID: 92554285011		Collected: 08/06/21 14:30		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	101	%	70-130		1		08/10/21 13:00	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: Trip Blank		Lab ID: 92554285012		Collected: 08/06/21 00:00		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/10/21 13:18	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/10/21 13:18	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/10/21 13:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/10/21 13:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/10/21 13:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/10/21 13:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/10/21 13:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/10/21 13:18	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/10/21 13:18	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/10/21 13:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/10/21 13:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/10/21 13:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/10/21 13:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/10/21 13:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/10/21 13:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/10/21 13:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/10/21 13:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 13:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 13:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/10/21 13:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/10/21 13:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/10/21 13:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/10/21 13:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/10/21 13:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/10/21 13:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/10/21 13:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 13:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/10/21 13:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 13:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/10/21 13:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/10/21 13:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/10/21 13:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/10/21 13:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/10/21 13:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 13:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 13:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/10/21 13:18	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/10/21 13:18	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/10/21 13:18	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/10/21 13:18	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/10/21 13:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/10/21 13:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/10/21 13:18	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: Trip Blank		Lab ID: 92554285012		Collected: 08/06/21 00:00		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/10/21 13:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/10/21 13:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/10/21 13:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/10/21 13:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/10/21 13:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/10/21 13:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/10/21 13:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/10/21 13:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/10/21 13:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/10/21 13:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 13:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 13:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/10/21 13:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/10/21 13:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/10/21 13:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/10/21 13:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/10/21 13:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/10/21 13:18	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/10/21 13:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		08/10/21 13:18	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		08/10/21 13:18	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/10/21 13:18	2037-26-5	

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: TB-2		Lab ID: 92554285013		Collected: 08/06/21 00:00		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/10/21 13:37	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/10/21 13:37	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/10/21 13:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/10/21 13:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/10/21 13:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/10/21 13:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/10/21 13:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/10/21 13:37	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/10/21 13:37	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/10/21 13:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/10/21 13:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/10/21 13:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/10/21 13:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/10/21 13:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/10/21 13:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/10/21 13:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/10/21 13:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 13:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/10/21 13:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/10/21 13:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/10/21 13:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/10/21 13:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/10/21 13:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/10/21 13:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/10/21 13:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/10/21 13:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 13:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/10/21 13:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 13:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/10/21 13:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/10/21 13:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/10/21 13:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/10/21 13:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/10/21 13:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 13:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/10/21 13:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/10/21 13:37	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/10/21 13:37	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/10/21 13:37	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/10/21 13:37	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/10/21 13:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/10/21 13:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/10/21 13:37	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Sample: TB-2		Lab ID: 92554285013		Collected: 08/06/21 00:00		Received: 08/06/21 15:37		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/10/21 13:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/10/21 13:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/10/21 13:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/10/21 13:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/10/21 13:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/10/21 13:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/10/21 13:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/10/21 13:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/10/21 13:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/10/21 13:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/10/21 13:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/10/21 13:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/10/21 13:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/10/21 13:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/10/21 13:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/10/21 13:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/10/21 13:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/10/21 13:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/10/21 13:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/10/21 13:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		08/10/21 13:37	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/10/21 13:37	460-00-4	
Toluene-d8 (S)	103	%	70-130		1		08/10/21 13:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

QC Batch:	639344	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92554285001, 92554285002, 92554285003, 92554285004, 92554285005, 92554285006, 92554285007, 92554285008, 92554285009, 92554285010, 92554285011		

METHOD BLANK: 3356257

Matrix: Water

Associated Lab Samples: 92554285001, 92554285002, 92554285003, 92554285004, 92554285005, 92554285006, 92554285007, 92554285008, 92554285009, 92554285010, 92554285011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/10/21 23:21	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/10/21 23:21	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/10/21 23:21	
4-Bromofluorobenzene (PID) (S)	%	111	70-130		08/10/21 23:21	

LABORATORY CONTROL SAMPLE & LCSD: 3356258

3356259

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	278	269	93	90	70-130	3	25	N2
Aromatic (C09-C10)	ug/L	100	113	115	113	115	70-130	2	25	N2
4-Bromofluorobenzene (FID) (S)	%				99	101	70-130			
4-Bromofluorobenzene (PID) (S)	%				103	105	70-130			

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

QC Batch:	639727	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville
Associated Lab Samples:	92554285002, 92554285003, 92554285004, 92554285005, 92554285006, 92554285007, 92554285008, 92554285009, 92554285010, 92554285011		

METHOD BLANK:	3357993	Matrix:	Water
Associated Lab Samples:	92554285002, 92554285003, 92554285004, 92554285005, 92554285006, 92554285007, 92554285008, 92554285009, 92554285010, 92554285011		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/12/21 13:23	

LABORATORY CONTROL SAMPLE: 3357994						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	494	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:												
3357995					3357996							
		92554285002	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Parameter	Units	Result										
Lead	ug/L	ND	500	500	477	468	95	93	75-125	2	20	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

QC Batch:	1723367	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet
Associated Lab Samples:	92554285001, 92554285002, 92554285003, 92554285004, 92554285005, 92554285006, 92554285007, 92554285008, 92554285009, 92554285010		

METHOD BLANK:	R3692604-3	Matrix:	Water
Associated Lab Samples:	92554285001, 92554285002, 92554285003, 92554285004, 92554285005, 92554285006, 92554285007, 92554285008, 92554285009, 92554285010		

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/15/21 19:35	
Toluene-d8 (S)	%	92.7	80.0-120		08/15/21 19:35	
4-Bromofluorobenzene (S)	%	89.4	77.0-126		08/15/21 19:35	
1,2-Dichloroethane-d4 (S)	%	96.6	70.0-130		08/15/21 19:35	

LABORATORY CONTROL SAMPLE:	R3692604-1					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	mg/L	2.00	1.63	81.5	70.0-130	
Toluene-d8 (S)	%			93.2	80.0-120	
4-Bromofluorobenzene (S)	%			89.0	77.0-126	
1,2-Dichloroethane-d4 (S)	%			91.4	70.0-130	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

QC Batch: 1724031

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92554285011

METHOD BLANK: R3692601-4

Matrix: Water

Associated Lab Samples: 92554285011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	mg/L	ND	0.200	0.150	08/16/21 12:10	
Toluene-d8 (S)	%	106	80.0-120		08/16/21 12:10	
4-Bromofluorobenzene (S)	%	93.3	77.0-126		08/16/21 12:10	
1,2-Dichloroethane-d4 (S)	%	115	70.0-130		08/16/21 12:10	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

QC Batch: 639108

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554285001, 92554285002, 92554285003, 92554285005, 92554285006

METHOD BLANK: 3355085

Matrix: Water

Associated Lab Samples: 92554285001, 92554285002, 92554285003, 92554285005, 92554285006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/11/21 22:59	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/11/21 22:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/11/21 22:59	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/11/21 22:59	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/11/21 22:59	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/11/21 22:59	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/11/21 22:59	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/11/21 22:59	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/11/21 22:59	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/11/21 22:59	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/11/21 22:59	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/11/21 22:59	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/11/21 22:59	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/11/21 22:59	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/11/21 22:59	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/11/21 22:59	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/11/21 22:59	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/11/21 22:59	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/11/21 22:59	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/11/21 22:59	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/11/21 22:59	
Benzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
Bromobenzene	ug/L	ND	0.50	0.29	08/11/21 22:59	
Bromochloromethane	ug/L	ND	0.50	0.47	08/11/21 22:59	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/11/21 22:59	
Bromoform	ug/L	ND	0.50	0.34	08/11/21 22:59	
Bromomethane	ug/L	ND	5.0	1.7	08/11/21 22:59	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/11/21 22:59	
Chlorobenzene	ug/L	ND	0.50	0.28	08/11/21 22:59	
Chloroethane	ug/L	ND	1.0	0.65	08/11/21 22:59	
Chloroform	ug/L	ND	0.50	0.35	08/11/21 22:59	
Chloromethane	ug/L	ND	1.0	0.54	08/11/21 22:59	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/11/21 22:59	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/11/21 22:59	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/11/21 22:59	
Dibromomethane	ug/L	ND	0.50	0.39	08/11/21 22:59	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/11/21 22:59	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/11/21 22:59	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

METHOD BLANK: 3355085

Matrix: Water

Associated Lab Samples: 92554285001, 92554285002, 92554285003, 92554285005, 92554285006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/11/21 22:59	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/11/21 22:59	
Ethylbenzene	ug/L	ND	0.50	0.30	08/11/21 22:59	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/11/21 22:59	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/11/21 22:59	
m&p-Xylene	ug/L	ND	1.0	0.71	08/11/21 22:59	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/11/21 22:59	
Methylene Chloride	ug/L	ND	2.0	2.0	08/11/21 22:59	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/11/21 22:59	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/11/21 22:59	
Naphthalene	ug/L	ND	2.0	0.64	08/11/21 22:59	
o-Xylene	ug/L	ND	0.50	0.34	08/11/21 22:59	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/11/21 22:59	
Styrene	ug/L	ND	0.50	0.29	08/11/21 22:59	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/11/21 22:59	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/11/21 22:59	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/11/21 22:59	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/11/21 22:59	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/11/21 22:59	
Toluene	ug/L	ND	0.50	0.48	08/11/21 22:59	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/11/21 22:59	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/11/21 22:59	
Trichloroethene	ug/L	ND	0.50	0.38	08/11/21 22:59	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/11/21 22:59	
Vinyl chloride	ug/L	ND	1.0	0.39	08/11/21 22:59	
1,2-Dichloroethane-d4 (S)	%	106	70-130		08/11/21 22:59	
4-Bromofluorobenzene (S)	%	97	70-130		08/11/21 22:59	
Toluene-d8 (S)	%	100	70-130		08/11/21 22:59	

LABORATORY CONTROL SAMPLE: 3355086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	60-140	
1,1,1-Trichloroethane	ug/L	50	54.3	109	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	53.8	108	60-140	
1,1,2-Trichloroethane	ug/L	50	53.8	108	60-140	
1,1-Dichloroethane	ug/L	50	57.3	115	60-140	
1,1-Dichloroethene	ug/L	50	58.8	118	60-140	
1,1-Dichloropropene	ug/L	50	56.5	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.3	99	60-140	
1,2,3-Trichloropropane	ug/L	50	53.7	107	60-140	
1,2,4-Trichlorobenzene	ug/L	50	49.5	99	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	52.2	104	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

LABORATORY CONTROL SAMPLE: 3355086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	60-140	
1,2-Dichlorobenzene	ug/L	50	52.6	105	60-140	
1,2-Dichloroethane	ug/L	50	51.0	102	60-140	
1,2-Dichloropropane	ug/L	50	56.7	113	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.2	100	60-140	
1,3-Dichlorobenzene	ug/L	50	52.4	105	60-140	
1,3-Dichloropropane	ug/L	50	53.4	107	60-140	
1,4-Dichlorobenzene	ug/L	50	51.1	102	60-140	
2,2-Dichloropropane	ug/L	50	51.4	103	60-140	
2-Chlorotoluene	ug/L	50	53.4	107	60-140	
4-Chlorotoluene	ug/L	50	51.1	102	60-140	
Benzene	ug/L	50	53.2	106	60-140	
Bromobenzene	ug/L	50	52.0	104	60-140	
Bromochloromethane	ug/L	50	57.0	114	60-140	
Bromodichloromethane	ug/L	50	48.1	96	60-140	
Bromoform	ug/L	50	50.5	101	60-140	
Bromomethane	ug/L	50	46.5	93	60-140	
Carbon tetrachloride	ug/L	50	49.5	99	60-140	
Chlorobenzene	ug/L	50	52.1	104	60-140	
Chloroethane	ug/L	50	39.2	78	60-140	
Chloroform	ug/L	50	51.8	104	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	52.9	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.8	106	60-140	
Dibromochloromethane	ug/L	50	53.2	106	60-140	
Dibromomethane	ug/L	50	53.0	106	60-140	
Dichlorodifluoromethane	ug/L	50	57.5	115	60-140	
Diisopropyl ether	ug/L	50	53.2	106	60-140	
Ethanol	ug/L	2000	2600	130	60-140	
Ethyl-tert-butyl ether	ug/L	100	113	113	60-140	
Ethylbenzene	ug/L	50	51.4	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	46.6	93	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.9	104	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	54.0	108	60-140	
Methylene Chloride	ug/L	50	54.3	109	60-140	
n-Butylbenzene	ug/L	50	50.6	101	60-140	
n-Propylbenzene	ug/L	50	51.7	103	60-140	
Naphthalene	ug/L	50	48.6	97	60-140	
o-Xylene	ug/L	50	51.8	104	60-140	
sec-Butylbenzene	ug/L	50	50.6	101	60-140	
Styrene	ug/L	50	53.2	106	60-140	
tert-Amyl Alcohol	ug/L	1000	1100	110	60-140	
tert-Amylmethyl ether	ug/L	100	106	106	60-140	
tert-Butyl Alcohol	ug/L	500	567	113	60-140	
tert-Butylbenzene	ug/L	50	40.6	81	60-140	
Tetrachloroethene	ug/L	50	49.8	100	60-140	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

LABORATORY CONTROL SAMPLE: 3355086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	51.3	103	60-140	
trans-1,2-Dichloroethene	ug/L	50	56.8	114	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.4	103	60-140	
Trichloroethene	ug/L	50	52.9	106	60-140	
Trichlorofluoromethane	ug/L	50	53.2	106	60-140	
Vinyl chloride	ug/L	50	54.7	109	60-140	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355087 3355088

Parameter	Units	92554137006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	800	800	839	793	105	99	60-140	6	30	
1,1,1-Trichloroethane	ug/L	ND	800	800	925	866	116	108	60-140	7	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	800	800	855	813	107	102	60-140	5	30	
1,1,2-Trichloroethane	ug/L	ND	800	800	855	832	107	104	60-140	3	30	
1,1-Dichloroethane	ug/L	ND	800	800	967	905	121	113	60-140	7	30	
1,1-Dichloroethene	ug/L	ND	800	800	1010	944	127	118	60-140	7	30	
1,1-Dichloropropene	ug/L	ND	800	800	954	898	119	112	60-140	6	30	
1,2,3-Trichlorobenzene	ug/L	ND	800	800	734	706	92	88	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	800	800	739	702	92	88	60-140	5	30	
1,2,4-Trichlorobenzene	ug/L	ND	800	800	741	696	93	87	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	167	800	800	1020	969	107	100	60-140	5	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	800	800	726	696	91	87	60-140	4	30	
1,2-Dibromoethane (EDB)	ug/L	ND	800	800	841	810	105	101	60-140	4	30	
1,2-Dichlorobenzene	ug/L	ND	800	800	845	799	106	100	60-140	6	30	
1,2-Dichloroethane	ug/L	ND	800	800	893	840	112	105	60-140	6	30	
1,2-Dichloropropane	ug/L	ND	800	800	917	896	115	112	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	800	800	878	807	110	101	60-140	8	30	
1,3-Dichlorobenzene	ug/L	ND	800	800	842	783	105	98	60-140	7	30	
1,3-Dichloropropane	ug/L	ND	800	800	879	831	110	104	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	800	800	824	780	103	97	60-140	6	30	
2,2-Dichloropropane	ug/L	ND	800	800	426	400	53	50	60-140	6	30 M1	
2-Chlorotoluene	ug/L	ND	800	800	891	837	111	105	60-140	6	30	
4-Chlorotoluene	ug/L	ND	800	800	825	764	103	96	60-140	8	30	
Benzene	ug/L	2360	800	800	3350	3250	123	112	60-140	3	30	
Bromobenzene	ug/L	ND	800	800	843	803	105	100	60-140	5	30	
Bromochloromethane	ug/L	ND	800	800	963	922	120	115	60-140	4	30	
Bromodichloromethane	ug/L	ND	800	800	778	741	97	93	60-140	5	30	
Bromoform	ug/L	ND	800	800	754	709	94	89	60-140	6	30	
Bromomethane	ug/L	ND	800	800	413	486	52	61	60-140	16	30 M1	
Carbon tetrachloride	ug/L	ND	800	800	845	779	106	97	60-140	8	30	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355087 3355088											
Parameter	Units	92554137006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/L	ND	800	800	855	815	107	102	60-140	5	30
Chloroethane	ug/L	ND	800	800	1070	1000	134	126	60-140	6	30
Chloroform	ug/L	ND	800	800	846	807	104	99	60-140	5	30
Chloromethane	ug/L	ND	800	800	734	717	92	90	60-140	2	30
cis-1,2-Dichloroethene	ug/L	ND	800	800	902	850	113	106	60-140	6	30
cis-1,3-Dichloropropene	ug/L	ND	800	800	717	681	90	85	60-140	5	30
Dibromochloromethane	ug/L	ND	800	800	833	787	104	98	60-140	6	30
Dibromomethane	ug/L	ND	800	800	841	817	105	102	60-140	3	30
Dichlorodifluoromethane	ug/L	ND	800	800	943	882	118	110	60-140	7	30
Diisopropyl ether	ug/L	278	800	800	1170	1130	111	106	60-140	4	30
Ethanol	ug/L	ND	32000	32000	37000	37600	116	117	60-140	1	30
Ethyl-tert-butyl ether	ug/L	ND	1600	1600	1840	1780	115	111	60-140	4	30
Ethylbenzene	ug/L	122	800	800	997	936	109	102	60-140	6	30
Hexachloro-1,3-butadiene	ug/L	ND	800	800	665	627	83	78	60-140	6	30
Isopropylbenzene (Cumene)	ug/L	ND	800	800	844	792	106	99	60-140	6	30
m&p-Xylene	ug/L	1080	1600	1600	2840	2720	110	103	60-140	4	30
Methyl-tert-butyl ether	ug/L	38.0	800	800	915	884	110	106	60-140	3	30
Methylene Chloride	ug/L	ND	800	800	956	897	119	112	60-140	6	30
n-Butylbenzene	ug/L	ND	800	800	768	722	96	90	60-140	6	30
n-Propylbenzene	ug/L	ND	800	800	836	788	104	99	60-140	6	30
Naphthalene	ug/L	26.4J	800	800	744	719	90	87	60-140	3	30
o-Xylene	ug/L	559	800	800	1420	1370	108	102	60-140	4	30
sec-Butylbenzene	ug/L	ND	800	800	817	775	102	97	60-140	5	30
Styrene	ug/L	ND	800	800	844	799	106	100	60-140	5	30
tert-Amyl Alcohol	ug/L	ND	16000	16000	15600	15600	95	95	60-140	0	30
tert-Amylmethyl ether	ug/L	ND	1600	1600	1730	1680	108	105	60-140	3	30
tert-Butyl Alcohol	ug/L	ND	8000	8000	10000	9940	125	124	60-140	1	30
tert-Butylbenzene	ug/L	ND	800	800	677	637	85	80	60-140	6	30
Tetrachloroethene	ug/L	ND	800	800	783	746	98	93	60-140	5	30
Toluene	ug/L	4970	800	800	5930	5770	119	100	60-140	3	30
trans-1,2-Dichloroethene	ug/L	ND	800	800	945	882	118	110	60-140	7	30
trans-1,3-Dichloropropene	ug/L	ND	800	800	695	668	87	83	60-140	4	30
Trichloroethene	ug/L	ND	800	800	869	819	109	102	60-140	6	30
Trichlorofluoromethane	ug/L	ND	800	800	944	873	118	109	60-140	8	30
Vinyl chloride	ug/L	ND	800	800	890	846	111	106	60-140	5	30
1,2-Dichloroethane-d4 (S)	%						105	104	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						99	99	70-130		

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

QC Batch: 639199

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554285007, 92554285008, 92554285009, 92554285010, 92554285011, 92554285012, 92554285013

METHOD BLANK: 3355413

Matrix: Water

Associated Lab Samples: 92554285007, 92554285008, 92554285009, 92554285010, 92554285011, 92554285012, 92554285013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/10/21 12:41	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/10/21 12:41	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/10/21 12:41	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/10/21 12:41	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/10/21 12:41	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/10/21 12:41	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/10/21 12:41	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/10/21 12:41	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/10/21 12:41	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/10/21 12:41	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/10/21 12:41	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/10/21 12:41	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/10/21 12:41	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/10/21 12:41	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/10/21 12:41	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/10/21 12:41	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/10/21 12:41	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/10/21 12:41	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/10/21 12:41	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/10/21 12:41	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/10/21 12:41	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/10/21 12:41	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/10/21 12:41	
Benzene	ug/L	ND	0.50	0.34	08/10/21 12:41	
Bromobenzene	ug/L	ND	0.50	0.29	08/10/21 12:41	
Bromochloromethane	ug/L	ND	0.50	0.47	08/10/21 12:41	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/10/21 12:41	
Bromoform	ug/L	ND	0.50	0.34	08/10/21 12:41	
Bromomethane	ug/L	ND	5.0	1.7	08/10/21 12:41	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/10/21 12:41	
Chlorobenzene	ug/L	ND	0.50	0.28	08/10/21 12:41	
Chloroethane	ug/L	ND	1.0	0.65	08/10/21 12:41	
Chloroform	ug/L	ND	0.50	0.35	08/10/21 12:41	
Chloromethane	ug/L	ND	1.0	0.54	08/10/21 12:41	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/10/21 12:41	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/10/21 12:41	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/10/21 12:41	
Dibromomethane	ug/L	ND	0.50	0.39	08/10/21 12:41	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/10/21 12:41	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/10/21 12:41	

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

METHOD BLANK: 3355413

Matrix: Water

Associated Lab Samples: 92554285007, 92554285008, 92554285009, 92554285010, 92554285011, 92554285012, 92554285013

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/10/21 12:41	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/10/21 12:41	
Ethylbenzene	ug/L	ND	0.50	0.30	08/10/21 12:41	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/10/21 12:41	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/10/21 12:41	
m&p-Xylene	ug/L	ND	1.0	0.71	08/10/21 12:41	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/10/21 12:41	
Methylene Chloride	ug/L	ND	2.0	2.0	08/10/21 12:41	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/10/21 12:41	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/10/21 12:41	
Naphthalene	ug/L	ND	2.0	0.64	08/10/21 12:41	
o-Xylene	ug/L	ND	0.50	0.34	08/10/21 12:41	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/10/21 12:41	
Styrene	ug/L	ND	0.50	0.29	08/10/21 12:41	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/10/21 12:41	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/10/21 12:41	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/10/21 12:41	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/10/21 12:41	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/10/21 12:41	
Toluene	ug/L	ND	0.50	0.48	08/10/21 12:41	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/10/21 12:41	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/10/21 12:41	
Trichloroethene	ug/L	ND	0.50	0.38	08/10/21 12:41	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/10/21 12:41	
Vinyl chloride	ug/L	ND	1.0	0.39	08/10/21 12:41	
1,2-Dichloroethane-d4 (S)	%	89	70-130		08/10/21 12:41	
4-Bromofluorobenzene (S)	%	98	70-130		08/10/21 12:41	
Toluene-d8 (S)	%	99	70-130		08/10/21 12:41	

LABORATORY CONTROL SAMPLE: 3355414

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	55.6	111	60-140	
1,1,1-Trichloroethane	ug/L	50	54.0	108	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	52.1	104	60-140	
1,1-Dichloroethene	ug/L	50	52.1	104	60-140	
1,1-Dichloropropene	ug/L	50	54.6	109	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.6	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.1	110	60-140	
1,2,4-Trimethylbenzene	ug/L	50	56.2	112	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

LABORATORY CONTROL SAMPLE: 3355414

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	47.2	94	60-140	
1,2-Dichlorobenzene	ug/L	50	53.7	107	60-140	
1,2-Dichloroethane	ug/L	50	46.4	93	60-140	
1,2-Dichloropropane	ug/L	50	57.4	115	60-140	
1,3,5-Trimethylbenzene	ug/L	50	59.6	119	60-140	
1,3-Dichlorobenzene	ug/L	50	56.2	112	60-140	
1,3-Dichloropropane	ug/L	50	53.4	107	60-140	
1,4-Dichlorobenzene	ug/L	50	55.7	111	60-140	
2,2-Dichloropropane	ug/L	50	56.0	112	60-140	
2-Chlorotoluene	ug/L	50	58.7	117	60-140	
4-Chlorotoluene	ug/L	50	55.6	111	60-140	
Benzene	ug/L	50	52.4	105	60-140	
Bromobenzene	ug/L	50	55.7	111	60-140	
Bromochloromethane	ug/L	50	48.8	98	60-140	
Bromodichloromethane	ug/L	50	53.9	108	60-140	
Bromoform	ug/L	50	47.3	95	60-140	
Bromomethane	ug/L	50	53.1	106	60-140	
Carbon tetrachloride	ug/L	50	62.6	125	60-140	
Chlorobenzene	ug/L	50	56.6	113	60-140	
Chloroethane	ug/L	50	64.8	130	60-140	
Chloroform	ug/L	50	48.0	96	60-140	
Chloromethane	ug/L	50	53.1	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	60-140	
cis-1,3-Dichloropropene	ug/L	50	54.5	109	60-140	
Dibromochloromethane	ug/L	50	55.3	111	60-140	
Dibromomethane	ug/L	50	47.4	95	60-140	
Dichlorodifluoromethane	ug/L	50	63.3	127	60-140	
Diisopropyl ether	ug/L	50	44.3	89	60-140	
Ethanol	ug/L	2000	1770	88	60-140	
Ethyl-tert-butyl ether	ug/L	100	88.8	89	60-140	
Ethylbenzene	ug/L	50	56.4	113	60-140	
Hexachloro-1,3-butadiene	ug/L	50	62.8	126	60-140	
Isopropylbenzene (Cumene)	ug/L	50	62.0	124	60-140	
m&p-Xylene	ug/L	100	112	112	60-140	
Methyl-tert-butyl ether	ug/L	50	43.3	87	60-140	
Methylene Chloride	ug/L	50	43.8	88	60-140	
n-Butylbenzene	ug/L	50	60.4	121	60-140	
n-Propylbenzene	ug/L	50	58.7	117	60-140	
Naphthalene	ug/L	50	48.2	96	60-140	
o-Xylene	ug/L	50	54.8	110	60-140	
sec-Butylbenzene	ug/L	50	59.1	118	60-140	
Styrene	ug/L	50	58.0	116	60-140	
tert-Amyl Alcohol	ug/L	1000	835	84	60-140	
tert-Amylmethyl ether	ug/L	100	95.4	95	60-140	
tert-Butyl Alcohol	ug/L	500	392	78	60-140	
tert-Butylbenzene	ug/L	50	51.7	103	60-140	
Tetrachloroethene	ug/L	50	60.3	121	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

LABORATORY CONTROL SAMPLE: 3355414

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	52.9	106	60-140	
trans-1,2-Dichloroethene	ug/L	50	54.1	108	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.5	103	60-140	
Trichloroethene	ug/L	50	59.5	119	60-140	
Trichlorofluoromethane	ug/L	50	54.3	109	60-140	
Vinyl chloride	ug/L	50	58.2	116	60-140	
1,2-Dichloroethane-d4 (S)	%			83	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3355415 3355416

Parameter	Units	92554285007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.1	22.2	106	111	60-140	5	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.3	23.8	117	119	60-140	2	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.9	22.7	110	113	60-140	3	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	22.4	22.6	112	113	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	24.5	24.5	122	122	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	25.5	26.4	128	132	60-140	3	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.2	24.8	121	124	60-140	3	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.3	20.7	102	104	60-140	2	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	22.2	22.7	111	114	60-140	2	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.1	20.8	101	104	60-140	3	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	21.3	21.9	107	110	60-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	19.4	20.5	97	103	60-140	6	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.8	109	114	60-140	4	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	22.3	23.2	111	116	60-140	4	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.7	24.7	118	123	60-140	4	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	21.3	21.6	107	108	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.7	22.2	109	111	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.5	23.3	112	116	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	21.0	21.7	105	108	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	23.0	23.3	115	116	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	22.3	22.8	112	114	60-140	2	30	
4-Chlorotoluene	ug/L	ND	20	20	21.4	21.9	107	110	60-140	2	30	
Benzene	ug/L	ND	20	20	22.8	23.3	114	116	60-140	2	30	
Bromobenzene	ug/L	ND	20	20	21.7	22.2	108	111	60-140	2	30	
Bromochloromethane	ug/L	ND	20	20	24.7	25.1	124	126	60-140	2	30	
Bromodichloromethane	ug/L	ND	20	20	19.7	20.1	98	101	60-140	2	30	
Bromoform	ug/L	ND	20	20	19.4	19.7	97	98	60-140	1	30	
Bromomethane	ug/L	ND	20	20	20.6	21.0	103	105	60-140	2	30	
Carbon tetrachloride	ug/L	ND	20	20	21.1	21.8	106	109	60-140	3	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3355415	3355416									
Parameter	Units	92554285007	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Chlorobenzene	ug/L	ND	20	20	22.0	22.9	110	114	60-140	4	30		
Chloroethane	ug/L	ND	20	20	25.3	24.9	126	125	60-140	2	30		
Chloroform	ug/L	ND	20	20	22.2	22.0	111	110	60-140	0	30		
Chloromethane	ug/L	ND	20	20	22.3	22.9	112	114	60-140	3	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.5	22.9	112	115	60-140	2	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.3	21.8	106	109	60-140	2	30		
Dibromochloromethane	ug/L	ND	20	20	21.1	21.9	106	109	60-140	3	30		
Dibromomethane	ug/L	ND	20	20	22.0	22.5	110	112	60-140	2	30		
Dichlorodifluoromethane	ug/L	ND	20	20	25.2	25.6	126	128	60-140	2	30		
Diisopropyl ether	ug/L	ND	20	20	22.1	22.7	110	113	60-140	3	30		
Ethanol	ug/L	ND	800	800	1040	1080	130	135	60-140	3	30		
Ethyl-tert-butyl ether	ug/L	ND	40	40	47.1	48.1	118	120	60-140	2	30		
Ethylbenzene	ug/L	ND	20	20	22.0	22.7	110	114	60-140	3	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.0	19.6	100	98	60-140	2	30		
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.7	22.3	108	112	60-140	3	30		
m&p-Xylene	ug/L	ND	40	40	43.3	44.7	108	112	60-140	3	30		
Methyl-tert-butyl ether	ug/L	ND	20	20	22.5	23.0	113	115	60-140	2	30		
Methylene Chloride	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30		
n-Butylbenzene	ug/L	ND	20	20	21.4	21.5	107	108	60-140	0	30		
n-Propylbenzene	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30		
Naphthalene	ug/L	ND	20	20	19.7	20.3	98	101	60-140	3	30		
o-Xylene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30		
sec-Butylbenzene	ug/L	ND	20	20	21.6	21.7	108	109	60-140	1	30		
Styrene	ug/L	ND	20	20	21.8	22.6	109	113	60-140	4	30		
tert-Amyl Alcohol	ug/L	ND	400	400	430	450	107	112	60-140	5	30		
tert-Amylmethyl ether	ug/L	ND	40	40	43.9	45.1	110	113	60-140	3	30		
tert-Butyl Alcohol	ug/L	ND	200	200	334	351	167	176	60-140	5	30	M1	
tert-Butylbenzene	ug/L	ND	20	20	17.3	17.8	87	89	60-140	3	30		
Tetrachloroethene	ug/L	ND	20	20	20.9	21.8	105	109	60-140	4	30		
Toluene	ug/L	ND	20	20	21.7	22.3	109	111	60-140	3	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	24.1	24.6	121	123	60-140	2	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.0	21.4	105	107	60-140	2	30		
Trichloroethene	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30		
Trichlorofluoromethane	ug/L	ND	20	20	23.6	24.1	118	121	60-140	2	30		
Vinyl chloride	ug/L	ND	20	20	24.1	24.3	121	122	60-140	1	30		
1,2-Dichloroethane-d4 (S)	%						103	102	70-130				
4-Bromofluorobenzene (S)	%						97	99	70-130				
Toluene-d8 (S)	%						99	100	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876
Pace Project No.: 92554285

QC Batch:	640221	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554285004

METHOD BLANK: 3360027 Matrix: Water

Associated Lab Samples: 92554285004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/13/21 11:48	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/13/21 11:48	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/13/21 11:48	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/13/21 11:48	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/13/21 11:48	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/13/21 11:48	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/13/21 11:48	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/13/21 11:48	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/13/21 11:48	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/13/21 11:48	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/13/21 11:48	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/13/21 11:48	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/13/21 11:48	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/13/21 11:48	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/13/21 11:48	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/13/21 11:48	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/13/21 11:48	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/13/21 11:48	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/13/21 11:48	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/13/21 11:48	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/13/21 11:48	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/13/21 11:48	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/13/21 11:48	
Benzene	ug/L	ND	0.50	0.34	08/13/21 11:48	
Bromobenzene	ug/L	ND	0.50	0.29	08/13/21 11:48	
Bromochloromethane	ug/L	ND	0.50	0.47	08/13/21 11:48	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/13/21 11:48	
Bromoform	ug/L	ND	0.50	0.34	08/13/21 11:48	
Bromomethane	ug/L	ND	5.0	1.7	08/13/21 11:48	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/13/21 11:48	
Chlorobenzene	ug/L	ND	0.50	0.28	08/13/21 11:48	
Chloroethane	ug/L	ND	1.0	0.65	08/13/21 11:48	
Chloroform	ug/L	ND	0.50	0.35	08/13/21 11:48	
Chloromethane	ug/L	ND	1.0	0.54	08/13/21 11:48	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/13/21 11:48	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/13/21 11:48	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/13/21 11:48	
Dibromomethane	ug/L	ND	0.50	0.39	08/13/21 11:48	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/13/21 11:48	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/13/21 11:48	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

METHOD BLANK: 3360027

Matrix: Water

Associated Lab Samples: 92554285004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/13/21 11:48	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/13/21 11:48	
Ethylbenzene	ug/L	ND	0.50	0.30	08/13/21 11:48	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/13/21 11:48	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/13/21 11:48	
m&p-Xylene	ug/L	ND	1.0	0.71	08/13/21 11:48	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/13/21 11:48	
Methylene Chloride	ug/L	ND	2.0	2.0	08/13/21 11:48	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/13/21 11:48	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/13/21 11:48	
Naphthalene	ug/L	ND	2.0	0.64	08/13/21 11:48	
o-Xylene	ug/L	ND	0.50	0.34	08/13/21 11:48	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/13/21 11:48	
Styrene	ug/L	ND	0.50	0.29	08/13/21 11:48	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/13/21 11:48	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/13/21 11:48	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/13/21 11:48	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/13/21 11:48	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/13/21 11:48	
Toluene	ug/L	ND	0.50	0.48	08/13/21 11:48	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/13/21 11:48	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/13/21 11:48	
Trichloroethene	ug/L	ND	0.50	0.38	08/13/21 11:48	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/13/21 11:48	
Vinyl chloride	ug/L	ND	1.0	0.39	08/13/21 11:48	
1,2-Dichloroethane-d4 (S)	%	99	70-130		08/13/21 11:48	
4-Bromofluorobenzene (S)	%	98	70-130		08/13/21 11:48	
Toluene-d8 (S)	%	100	70-130		08/13/21 11:48	

LABORATORY CONTROL SAMPLE: 3360028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.5	99	60-140	
1,1,1-Trichloroethane	ug/L	50	51.4	103	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.5	93	60-140	
1,1,2-Trichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethane	ug/L	50	49.9	100	60-140	
1,1-Dichloroethene	ug/L	50	52.1	104	60-140	
1,1-Dichloropropene	ug/L	50	51.0	102	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.2	92	60-140	
1,2,3-Trichloropropane	ug/L	50	46.4	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	47.6	95	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.4	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	44.4	89	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

LABORATORY CONTROL SAMPLE: 3360028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	60-140	
1,2-Dichlorobenzene	ug/L	50	50.0	100	60-140	
1,2-Dichloroethane	ug/L	50	47.1	94	60-140	
1,2-Dichloropropane	ug/L	50	49.0	98	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	
1,3-Dichlorobenzene	ug/L	50	51.1	102	60-140	
1,3-Dichloropropane	ug/L	50	47.3	95	60-140	
1,4-Dichlorobenzene	ug/L	50	49.9	100	60-140	
2,2-Dichloropropane	ug/L	50	51.8	104	60-140	
2-Chlorotoluene	ug/L	50	50.6	101	60-140	
4-Chlorotoluene	ug/L	50	50.0	100	60-140	
Benzene	ug/L	50	50.0	100	60-140	
Bromobenzene	ug/L	50	48.4	97	60-140	
Bromochloromethane	ug/L	50	49.7	99	60-140	
Bromodichloromethane	ug/L	50	46.5	93	60-140	
Bromoform	ug/L	50	51.1	102	60-140	
Bromomethane	ug/L	50	47.3	95	60-140	
Carbon tetrachloride	ug/L	50	50.8	102	60-140	
Chlorobenzene	ug/L	50	49.9	100	60-140	
Chloroethane	ug/L	50	48.3	97	60-140	
Chloroform	ug/L	50	49.3	99	60-140	
Chloromethane	ug/L	50	42.1	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.4	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	60-140	
Dibromochloromethane	ug/L	50	50.8	102	60-140	
Dibromomethane	ug/L	50	50.1	100	60-140	
Dichlorodifluoromethane	ug/L	50	44.8	90	60-140	
Diisopropyl ether	ug/L	50	46.9	94	60-140	
Ethanol	ug/L	2000	1760	88	60-140	
Ethyl-tert-butyl ether	ug/L	100	97.3	97	60-140	
Ethylbenzene	ug/L	50	49.6	99	60-140	
Hexachloro-1,3-butadiene	ug/L	50	48.4	97	60-140	
Isopropylbenzene (Cumene)	ug/L	50	51.2	102	60-140	
m&p-Xylene	ug/L	100	99.2	99	60-140	
Methyl-tert-butyl ether	ug/L	50	45.3	91	60-140	
Methylene Chloride	ug/L	50	49.7	99	60-140	
n-Butylbenzene	ug/L	50	51.4	103	60-140	
n-Propylbenzene	ug/L	50	49.9	100	60-140	
Naphthalene	ug/L	50	44.3	89	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	49.7	99	60-140	
Styrene	ug/L	50	50.9	102	60-140	
tert-Amyl Alcohol	ug/L	1000	811	81	60-140	
tert-Amylmethyl ether	ug/L	100	94.7	95	60-140	
tert-Butyl Alcohol	ug/L	500	426	85	60-140	
tert-Butylbenzene	ug/L	50	42.3	85	60-140	
Tetrachloroethene	ug/L	50	50.2	100	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

LABORATORY CONTROL SAMPLE: 3360028

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	49.7	99	60-140	
trans-1,2-Dichloroethene	ug/L	50	49.7	99	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Trichloroethene	ug/L	50	50.9	102	60-140	
Trichlorofluoromethane	ug/L	50	47.1	94	60-140	
Vinyl chloride	ug/L	50	46.7	93	60-140	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360029 3360030

Parameter	Units	92554005005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	80	80	76.1	82.6	95	103	60-140	8	30	
1,1,1-Trichloroethane	ug/L	ND	80	80	83.4	90.2	104	113	60-140	8	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	80	80	75.8	81.2	95	101	60-140	7	30	
1,1,2-Trichloroethane	ug/L	ND	80	80	76.9	82.8	96	103	60-140	7	30	
1,1-Dichloroethane	ug/L	ND	80	80	82.0	86.3	102	108	60-140	5	30	
1,1-Dichloroethene	ug/L	ND	80	80	85.5	91.5	107	114	60-140	7	30	
1,1-Dichloropropene	ug/L	ND	80	80	85.6	89.9	107	112	60-140	5	30	
1,2,3-Trichlorobenzene	ug/L	ND	80	80	70.4	79.0	88	99	60-140	11	30	
1,2,3-Trichloropropane	ug/L	ND	80	80	77.1	81.9	96	102	60-140	6	30	
1,2,4-Trichlorobenzene	ug/L	ND	80	80	68.9	77.9	86	97	60-140	12	30	
1,2,4-Trimethylbenzene	ug/L	ND	80	80	73.1	78.3	91	98	60-140	7	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	80	80	73.2	81.3	91	102	60-140	11	30	
1,2-Dibromoethane (EDB)	ug/L	ND	80	80	77.3	82.5	97	103	60-140	6	30	
1,2-Dichlorobenzene	ug/L	ND	80	80	73.0	80.7	91	101	60-140	10	30	
1,2-Dichloroethane	ug/L	ND	80	80	77.5	81.9	97	102	60-140	5	30	
1,2-Dichloropropane	ug/L	ND	80	80	79.3	83.6	99	105	60-140	5	30	
1,3,5-Trimethylbenzene	ug/L	ND	80	80	73.8	81.4	92	102	60-140	10	30	
1,3-Dichlorobenzene	ug/L	ND	80	80	73.4	81.4	92	102	60-140	10	30	
1,3-Dichloropropane	ug/L	ND	80	80	76.4	81.6	96	102	60-140	7	30	
1,4-Dichlorobenzene	ug/L	ND	80	80	71.7	79.3	90	99	60-140	10	30	
2,2-Dichloropropane	ug/L	ND	80	80	83.1	88.6	104	111	60-140	6	30	
2-Chlorotoluene	ug/L	ND	80	80	76.6	83.7	96	105	60-140	9	30	
4-Chlorotoluene	ug/L	ND	80	80	73.4	79.7	92	100	60-140	8	30	
Benzene	ug/L	2.3	80	80	83.3	88.6	101	108	60-140	6	30	
Bromobenzene	ug/L	ND	80	80	72.3	79.3	90	99	60-140	9	30	
Bromochloromethane	ug/L	ND	80	80	81.9	88.6	102	111	60-140	8	30	
Bromodichloromethane	ug/L	ND	80	80	73.3	78.7	92	98	60-140	7	30	
Bromoform	ug/L	ND	80	80	76.3	81.9	95	102	60-140	7	30	
Bromomethane	ug/L	ND	80	80	71.5	82.2	89	103	60-140	14	30	
Carbon tetrachloride	ug/L	ND	80	80	83.7	88.2	105	110	60-140	5	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3360029 3360030											
Parameter	Units	92554005005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Chlorobenzene	ug/L	ND	80	80	76.8	83.3	96	104	60-140	8	30
Chloroethane	ug/L	ND	80	80	73.5	85.4	92	107	60-140	15	30
Chloroform	ug/L	ND	80	80	81.0	86.9	101	109	60-140	7	30
Chloromethane	ug/L	ND	80	80	65.5	72.9	82	91	60-140	11	30
cis-1,2-Dichloroethene	ug/L	ND	80	80	78.3	84.8	98	106	60-140	8	30
cis-1,3-Dichloropropene	ug/L	ND	80	80	77.8	81.7	97	102	60-140	5	30
Dibromochloromethane	ug/L	ND	80	80	78.3	85.7	98	107	60-140	9	30
Dibromomethane	ug/L	ND	80	80	83.5	86.2	104	108	60-140	3	30
Dichlorodifluoromethane	ug/L	ND	80	80	76.0	82.3	95	103	60-140	8	30
Diisopropyl ether	ug/L	12.7	80	80	88.9	94.0	95	102	60-140	6	30
Ethanol	ug/L	ND	3200	3200	3150	3430	99	107	60-140	9	30
Ethyl-tert-butyl ether	ug/L	ND	160	160	161	172	100	108	60-140	7	30
Ethylbenzene	ug/L	ND	80	80	77.7	83.2	97	104	60-140	7	30
Hexachloro-1,3-butadiene	ug/L	ND	80	80	77.5	84.5	97	106	60-140	9	30
Isopropylbenzene (Cumene)	ug/L	ND	80	80	78.8	85.7	99	107	60-140	8	30
m&p-Xylene	ug/L	ND	160	160	154	166	96	104	60-140	7	30
Methyl-tert-butyl ether	ug/L	400	80	80	491	495	114	119	60-140	1	30
Methylene Chloride	ug/L	ND	80	80	86.5	89.5	108	112	60-140	3	30
n-Butylbenzene	ug/L	ND	80	80	75.1	85.0	94	106	60-140	12	30
n-Propylbenzene	ug/L	ND	80	80	75.6	82.8	95	104	60-140	9	30
Naphthalene	ug/L	ND	80	80	68.3	76.6	85	96	60-140	11	30
o-Xylene	ug/L	ND	80	80	74.3	80.5	93	101	60-140	8	30
sec-Butylbenzene	ug/L	ND	80	80	76.2	83.5	95	104	60-140	9	30
Styrene	ug/L	ND	80	80	74.0	79.6	92	100	60-140	7	30
tert-Amyl Alcohol	ug/L	ND	1600	1600	1720	1770	107	111	60-140	3	30
tert-Amylmethyl ether	ug/L	ND	160	160	163	172	99	105	60-140	6	30
tert-Butyl Alcohol	ug/L	263	800	800	1270	1350	126	136	60-140	6	30
tert-Butylbenzene	ug/L	ND	80	80	64.2	71.0	80	89	60-140	10	30
Tetrachloroethene	ug/L	ND	80	80	79.9	85.5	100	107	60-140	7	30
Toluene	ug/L	ND	80	80	80.2	84.8	100	106	60-140	6	30
trans-1,2-Dichloroethene	ug/L	ND	80	80	82.9	89.1	104	111	60-140	7	30
trans-1,3-Dichloropropene	ug/L	ND	80	80	77.9	82.3	97	103	60-140	5	30
Trichloroethene	ug/L	ND	80	80	81.5	88.1	102	110	60-140	8	30
Trichlorofluoromethane	ug/L	ND	80	80	80.4	86.8	100	108	60-140	8	30
Vinyl chloride	ug/L	ND	80	80	76.6	85.6	96	107	60-140	11	30
1,2-Dichloroethane-d4 (S)	%						102	102	70-130		
4-Bromofluorobenzene (S)	%						101	101	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

- | | |
|----|---|
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| S3 | Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample. |

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CPC Huntersville-60639876

Pace Project No.: 92554285

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554285001	FB-1-20210806	MADEP VPH	639344		
92554285002	MW-05	MADEP VPH	639344		
92554285003	MW-12	MADEP VPH	639344		
92554285004	DUP-1-20210806	MADEP VPH	639344		
92554285005	MW-25D	MADEP VPH	639344		
92554285006	MW-15	MADEP VPH	639344		
92554285007	MW-04	MADEP VPH	639344		
92554285008	MW-02	MADEP VPH	639344		
92554285009	MW-36	MADEP VPH	639344		
92554285010	MW-36DR	MADEP VPH	639344		
92554285011	EB-1-20210806	MADEP VPH	639344		
92554285002	MW-05	EPA 3010A	639727	EPA 6010D	639749
92554285003	MW-12	EPA 3010A	639727	EPA 6010D	639749
92554285004	DUP-1-20210806	EPA 3010A	639727	EPA 6010D	639749
92554285005	MW-25D	EPA 3010A	639727	EPA 6010D	639749
92554285006	MW-15	EPA 3010A	639727	EPA 6010D	639749
92554285007	MW-04	EPA 3010A	639727	EPA 6010D	639749
92554285008	MW-02	EPA 3010A	639727	EPA 6010D	639749
92554285009	MW-36	EPA 3010A	639727	EPA 6010D	639749
92554285010	MW-36DR	EPA 3010A	639727	EPA 6010D	639749
92554285011	EB-1-20210806	EPA 3010A	639727	EPA 6010D	639749
92554285001	FB-1-20210806	6200B-2011	1723367	SM 6200B	1723367
92554285002	MW-05	6200B-2011	1723367	SM 6200B	1723367
92554285003	MW-12	6200B-2011	1723367	SM 6200B	1723367
92554285004	DUP-1-20210806	6200B-2011	1723367	SM 6200B	1723367
92554285005	MW-25D	6200B-2011	1723367	SM 6200B	1723367
92554285006	MW-15	6200B-2011	1723367	SM 6200B	1723367
92554285007	MW-04	6200B-2011	1723367	SM 6200B	1723367
92554285008	MW-02	6200B-2011	1723367	SM 6200B	1723367
92554285009	MW-36	6200B-2011	1723367	SM 6200B	1723367
92554285010	MW-36DR	6200B-2011	1723367	SM 6200B	1723367
92554285011	EB-1-20210806	6200B-2011	1724031	SM 6200B	1724031
92554285001	FB-1-20210806	SM 6200B	639108		
92554285002	MW-05	SM 6200B	639108		
92554285003	MW-12	SM 6200B	639108		
92554285004	DUP-1-20210806	SM 6200B	640221		
92554285005	MW-25D	SM 6200B	639108		
92554285006	MW-15	SM 6200B	639108		
92554285007	MW-04	SM 6200B	639199		
92554285008	MW-02	SM 6200B	639199		
92554285009	MW-36	SM 6200B	639199		
92554285010	MW-36DR	SM 6200B	639199		
92554285011	EB-1-20210806	SM 6200B	639199		
92554285012	Trip Blank	SM 6200B	639199		
92554285013	TB-2	SM 6200B	639199		

REPORT OF LABORATORY ANALYSIS

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	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt	Client Name: AECOM	Project #: WO# : 92554285
Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☒ Pace ☐ Other:		
Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☒ No		
Date/Initials/Person-Examining-Contents: ms 9-5-21		

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer: ☒ IR Gun ID: **92T064** Type of Ice: ☒ Wet ☐ Blue ☐ None

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Cooler Temp: **2.9** Correction Factor: Add/Subtract (°C) **-0.1**

Cooler Temp Corrected (°C): **2.8**

Temp should be above freezing to 6°C

USDA Regulated Soil (☐ N/A water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☒ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

Comments/Discrepancy:		
Chain of Custody Present?	☒ Yes ☐ No ☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes ☐ No ☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes ☒ No ☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes ☒ No ☐ N/A	4.
Sufficient Volume?	☒ Yes ☐ No ☐ N/A	5.
Correct Containers Used?	☒ Yes ☐ No ☐ N/A	6.
-Pace Containers Used?	☒ Yes ☐ No ☐ N/A	
Containers Intact?	☒ Yes ☐ No ☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes ☐ No ☒ N/A	8.
Sample Labels Match COC?	☒ Yes ☐ No ☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT		
Headspace in VOA Vials (>5-6mm)?	☐ Yes ☒ No ☐ N/A	10.
Trip Blank Present?	☐ Yes ☒ No ☐ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes ☐ No ☒ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☒ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____

Date: _____

Project Manager SRF Review: _____

Date: _____ Page 63 of 65



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

W0#: 92554285

PM: BV

Due Date: 08/13/21

CLIENT: 92-AECOM CHA

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																7		3										
2																7		3										
3																7		3										
4																7		2										
5																7		3										
6																7		3										
7																7		3										
8																7		3										
9																7		3										
10																7		3										
11																4												
12																7		3										

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Section A

Required Client Information:

Company:	AECOM	
Address:	6000 Fairview Road	
	Suite 200, Charlotte, NC 28210	
Email:	andrew.wreschnig@aecom.com	
Phone:	(704)716-0757	Fax:
Requested Due Date:		

Section B

Required Project Information:

Report To:	Andy Wreschnig
Copy To:	
Purchase Order #:	
Project Name:	CPC Huntersville-60639876
Project #:	

Section C

Invoice Information:

Attention:	
Company Name:	
Address:	
Quote:	60639876
Project Manager:	bonnie.vang@pacelabs.com
Profile #:	8458

Regulatory Agency

State / Location
NC

NO

NO

[illegible]

July 20, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92549163

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92549163001	DUP-1	Water	07/13/21 00:00	07/13/21 14:05
92549163002	FB-1	Water	07/13/21 00:00	07/13/21 14:05
92549163003	Trip Blank	Water	07/13/21 00:00	07/13/21 14:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92549163001	DUP-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92549163002	FB-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92549163003	Trip Blank	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Sample: DUP-1 Lab ID: 92549163001 Collected: 07/13/21 00:00 Received: 07/13/21 14:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 18:52		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 18:52		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 18:52		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 18:52		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130		1		07/17/21 18:52	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		07/17/21 18:52	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 20:41	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 15:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 15:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 15:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 15:09	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 15:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 15:09	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 15:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 15:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 15:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 15:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 15:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 15:09	75-00-3	
Chloroform	0.77	ug/L	0.50	0.35	1		07/14/21 15:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 15:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 15:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 15:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 15:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 15:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 15:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 15:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 15:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 15:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 15:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 15:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 15:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 15:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 15:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 15:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 15:09	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Sample: DUP-1		Lab ID: 92549163001		Collected: 07/13/21 00:00		Received: 07/13/21 14:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 15:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 15:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 15:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 15:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 15:09	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 15:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 15:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 15:09	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 15:09	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 15:09	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 15:09	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:09	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 15:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 15:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 15:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 15:09	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 15:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 15:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 15:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 15:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 15:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 15:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 15:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 15:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 15:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 15:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 15:09	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 15:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 15:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		07/14/21 15:09	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		07/14/21 15:09	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/14/21 15:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Sample: FB-1 Lab ID: 92549163002 Collected: 07/13/21 00:00 Received: 07/13/21 14:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 19:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 19:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 19:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 19:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130		1		07/17/21 19:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		07/17/21 19:21	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 20:44	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 13:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 13:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 13:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 13:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 13:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 13:03	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 13:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 13:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 13:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 13:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 13:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 13:03	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/14/21 13:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 13:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 13:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 13:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 13:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 13:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 13:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 13:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 13:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 13:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 13:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 13:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 13:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 13:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 13:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 13:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 13:03	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Sample: FB-1		Lab ID: 92549163002		Collected: 07/13/21 00:00		Received: 07/13/21 14:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 13:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 13:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 13:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 13:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 13:03	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 13:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 13:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 13:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 13:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 13:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 13:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 13:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 13:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 13:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 13:03	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 13:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 13:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 13:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 13:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 13:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 13:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 13:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 13:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 13:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 13:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 13:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 13:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 13:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/14/21 13:03	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		07/14/21 13:03	460-00-4	
Toluene-d8 (S)	107	%	70-130		1		07/14/21 13:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Sample: Trip Blank		Lab ID: 92549163003		Collected: 07/13/21 00:00		Received: 07/13/21 14:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 13:21	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 13:21	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 13:21	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 13:21	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 13:21	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 13:21	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 13:21	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 13:21	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 13:21	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 13:21	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 13:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 13:21	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/14/21 13:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 13:21	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 13:21	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 13:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 13:21	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 13:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 13:21	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 13:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 13:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 13:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 13:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 13:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 13:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 13:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 13:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 13:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 13:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 13:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 13:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 13:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 13:21	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 13:21	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 13:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 13:21	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 13:21	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 13:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 13:21	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 13:21	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:21	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 13:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 13:21	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Sample: Trip Blank		Lab ID: 92549163003		Collected: 07/13/21 00:00		Received: 07/13/21 14:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 13:21	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 13:21	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 13:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 13:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 13:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 13:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 13:21	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 13:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 13:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 13:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 13:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 13:21	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 13:21	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 13:21	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 13:21	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		07/14/21 13:21	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		07/14/21 13:21	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/14/21 13:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

QC Batch: 634122

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549163001, 92549163002

METHOD BLANK: 3330547

Matrix: Water

Associated Lab Samples: 92549163001, 92549163002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/17/21 16:30	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/17/21 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 3330548

3330549

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	305	317	102	106	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	93.5	96.0	93	96	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				87	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

QC Batch: 633866

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92549163001, 92549163002

METHOD BLANK: 3329186

Matrix: Water

Associated Lab Samples: 92549163001, 92549163002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/19/21 19:25	

LABORATORY CONTROL SAMPLE: 3329187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	512	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3329188 3329189

Parameter	Units	92548049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	471	469	94	93	75-125	1	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549163

QC Batch: 633286 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92549163001, 92549163002, 92549163003

METHOD BLANK: 3326300 Matrix: Water
Associated Lab Samples: 92549163001, 92549163002, 92549163003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/14/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/14/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/14/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/14/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/14/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/14/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/14/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/14/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/14/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/14/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/14/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/14/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/14/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Benzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromobenzene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Bromochloromethane	ug/L	ND	0.50	0.47	07/14/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
Bromoform	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromomethane	ug/L	ND	5.0	1.7	07/14/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/14/21 12:45	
Chlorobenzene	ug/L	ND	0.50	0.28	07/14/21 12:45	
Chloroethane	ug/L	ND	1.0	0.65	07/14/21 12:45	
Chloroform	ug/L	ND	0.50	0.35	07/14/21 12:45	
Chloromethane	ug/L	ND	1.0	0.54	07/14/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromomethane	ug/L	ND	0.50	0.39	07/14/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/14/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/14/21 12:45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549163

METHOD BLANK: 3326300 Matrix: Water

Associated Lab Samples: 92549163001, 92549163002, 92549163003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/14/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/14/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/14/21 12:45	
m&p-Xylene	ug/L	ND	1.0	0.71	07/14/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/14/21 12:45	
Methylene Chloride	ug/L	ND	2.0	2.0	07/14/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/14/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Naphthalene	ug/L	ND	2.0	0.64	07/14/21 12:45	
o-Xylene	ug/L	ND	0.50	0.34	07/14/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/14/21 12:45	
Styrene	ug/L	ND	0.50	0.29	07/14/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Toluene	ug/L	ND	0.50	0.48	07/14/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/14/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Trichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/14/21 12:45	
Vinyl chloride	ug/L	ND	1.0	0.39	07/14/21 12:45	
1,2-Dichloroethane-d4 (S)	%	101	70-130		07/14/21 12:45	
4-Bromofluorobenzene (S)	%	95	70-130		07/14/21 12:45	
Toluene-d8 (S)	%	101	70-130		07/14/21 12:45	

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	46.5	93	60-140	
1,1-Dichloroethene	ug/L	50	45.4	91	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.0	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.6	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	44.5	89	60-140	
1,2-Dichloropropane	ug/L	50	48.4	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	50.6	101	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.9	100	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	50.4	101	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	46.7	93	60-140	
Chloroform	ug/L	50	47.3	95	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.4	107	60-140	
Dibromomethane	ug/L	50	54.0	108	60-140	
Dichlorodifluoromethane	ug/L	50	43.5	87	60-140	
Diisopropyl ether	ug/L	50	42.8	86	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.9	100	60-140	
m&p-Xylene	ug/L	100	91.5	91	60-140	
Methyl-tert-butyl ether	ug/L	50	49.5	99	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	45.5	91	60-140	
Naphthalene	ug/L	50	52.4	105	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	41.3	83	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	42.3	85	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.5	21.8	107	109	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.2	103	101	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.1	105	105	60-140	0	30
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.1	94	95	60-140	2	30
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.4	97	97	60-140	0	30
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.2	99	101	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	23.0	131	115	60-140	13	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	19.6	95	98	60-140	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	22.8	123	114	60-140	8	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	97	94	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.1	23.5	126	117	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	30
1,2-Dichloroethane	ug/L	ND	20	20	18.2	18.7	91	94	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	19.3	19.7	96	98	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.2	19.8	101	99	60-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.6	102	98	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.3	107	101	60-140	5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	19.5	19.2	98	96	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30
Benzene	ug/L	ND	20	20	19.4	19.7	97	99	60-140	2	30
Bromobenzene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	21.1	21.4	106	107	60-140	2	30
Bromodichloromethane	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30
Bromoform	ug/L	ND	20	20	23.1	23.3	116	117	60-140	1	30
Bromomethane	ug/L	ND	20	20	23.5	23.3	118	116	60-140	1	30
Carbon tetrachloride	ug/L	ND	20	20	22.3	22.8	111	114	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	20.4	20.7	102	103	60-140	1	30
Chloroethane	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30
Chloroform	ug/L	ND	20	20	19.6	20.0	98	100	60-140	2	30
Chloromethane	ug/L	ND	20	20	17.7	17.5	89	88	60-140	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.1	105	105	60-140	0	30
Dibromochloromethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dibromomethane	ug/L	ND	20	20	22.8	22.9	114	115	60-140	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	18.3	91	92	60-140	0	30
Diisopropyl ether	ug/L	ND	20	20	17.2	16.9	86	85	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.3	24.2	127	121	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.9	20.8	105	104	60-140	0	30
m&p-Xylene	ug/L	ND	40	40	39.5	40.1	99	100	60-140	2	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	30
Methylene Chloride	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30
n-Butylbenzene	ug/L	ND	20	20	21.0	19.9	105	99	60-140	5	30
n-Propylbenzene	ug/L	ND	20	20	19.7	19.2	99	96	60-140	3	30
Naphthalene	ug/L	ND	20	20	24.1	21.4	119	106	60-140	12	30
o-Xylene	ug/L	ND	20	20	20.0	20.1	100	100	60-140	1	30
sec-Butylbenzene	ug/L	ND	20	20	20.4	19.7	102	99	60-140	4	30
Styrene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	2	30
tert-Butylbenzene	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30
Tetrachloroethene	ug/L	ND	20	20	21.2	22.0	106	110	60-140	4	30
Toluene	ug/L	ND	20	20	19.5	19.6	98	98	60-140	0	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.3	19.0	97	95	60-140	2	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.8	21.4	109	107	60-140	2	30
Trichloroethene	ug/L	ND	20	20	21.8	22.3	109	111	60-140	2	30
Trichlorofluoromethane	ug/L	ND	20	20	20.7	20.6	103	103	60-140	0	30
Vinyl chloride	ug/L	ND	20	20	18.7	18.7	93	93	60-140	0	30
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						96	96	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92549163

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92549163

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92549163001	DUP-1	MADEP VPH	634122		
92549163002	FB-1	MADEP VPH	634122		
92549163001	DUP-1	EPA 3010A	633866	EPA 6010D	634014
92549163002	FB-1	EPA 3010A	633866	EPA 6010D	634014
92549163001	DUP-1	SM 6200B	633286		
92549163002	FB-1	SM 6200B	633286		
92549163003	Trip Blank	SM 6200B	633286		

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WO# : 92549163



ALL S 92549163

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: Pace Analytical

Address: Apex Companies

Report To: Andrew Street

Copy To:

Customer Project Name/Number: 2020-LI-2448 Incident

Phone: Site/Facility ID #:

Email: Purchase Order #:

Collected By (print): Naomi Treitz

Collected By (signature): Naomi Treitz

Sample Disposal: ASAP

[] Same Day [] Next Day [] 3 Day [] 4 Day [] 5 Day [] 12 Day [] 15 Day (Expedite Charges Apply)

[] Dispose as appropriate [] Return [] Archive: [] Hold:

* Matrix Codes (Insert in Matrix box below):

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Date Time

Composite End

Res Cl

of Ctns

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

Date/Time: 7/13/21 1405

Received by/Company: (Signature)

Date/Time: 7/13/21 1405

Received by/Company: (Signature)

Date/Time: 7/13/21 1405

Received by/Company: (Signature)

Date/Time: 7/13/21 1405

Received by/Company: (Signature)

LAB USE ONLY - Affix

Container Preservation:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y (N) NA
Custody Signatures Present Y (N) NA
Collector Signature Present Y (N) NA
Bottles Intact Y (N) NA
Correct Bottles Y (N) NA
Sufficient Volume Y (N) NA
Samples Received on Ice Y (N) NA
VOA - Headspace Acceptable Y (N) NA
USDA Regulated Soils Y (N) NA
Samples in Holding Time Y (N) NA
Residual Chlorine Present Y (N) NA
Cl Strips: Y (N) NA
Sample pH Acceptable Y (N) NA
pH Strips: 27.38/9.4W Y (N) NA
Sulfide Present Y (N) NA
Lead Acetate Strips: Y (N) NA

LAB USE ONLY:

Lab Sample # / Comments:

92549163

001

002

003

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 921064

Cooler 1 Temp Upon Receipt: 5.9 oC

Cooler 1 Therm Corr. Factor: -0.1 oC

Cooler 1 Corrected Temp: 5.8 oC

Comments:

Trip Blank Received: Y N NA

(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

July 20, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92549166

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92549166001	13800_HC_RD_20210713	Water	07/13/21 09:55	07/13/21 14:05

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92549166001	13800_HC_RD_20210713	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

Sample: 13800_HC_RD_20210713 Lab ID: 92549166001 Collected: 07/13/21 09:55 Received: 07/13/21 14:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 19:49		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 19:49		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 19:49		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 19:49		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1		07/17/21 19:49	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130		1		07/17/21 19:49	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 20:47	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 13:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 13:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 13:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 13:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 13:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 13:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 13:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 13:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 13:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 13:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 13:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 13:57	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/14/21 13:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 13:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 13:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 13:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 13:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 13:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 13:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 13:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 13:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 13:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 13:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 13:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 13:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 13:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 13:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 13:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 13:57	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

Sample: 13800_HC_RD_20210713 Lab ID: 92549166001 Collected: 07/13/21 09:55 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 13:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 13:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 13:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 13:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 13:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 13:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 13:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 13:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 13:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 13:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 13:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 13:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 13:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 13:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 13:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 13:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 13:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 13:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 13:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 13:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 13:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 13:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 13:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 13:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 13:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 13:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 13:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 13:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 13:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/14/21 13:57	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		07/14/21 13:57	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/14/21 13:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

QC Batch: 634122	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549166001

METHOD BLANK: 3330547 Matrix: Water

Associated Lab Samples: 92549166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/17/21 16:30	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/17/21 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 3330548

LABORATORY CONTROL SAMPLE & LCSD: 3330548			3330549							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	305	317	102	106	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	93.5	96.0	93	96	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				87	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

QC Batch: 633866

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92549166001

METHOD BLANK: 3329186

Matrix: Water

Associated Lab Samples: 92549166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/19/21 19:25	

LABORATORY CONTROL SAMPLE: 3329187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	512	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3329188 3329189

Parameter	Units	92548049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	471	469	94	93	75-125	1	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549166

QC Batch: 633286	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549166001

METHOD BLANK: 3326300 Matrix: Water
Associated Lab Samples: 92549166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/14/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/14/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/14/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/14/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/14/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/14/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/14/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/14/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/14/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/14/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/14/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/14/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/14/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Benzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromobenzene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Bromochloromethane	ug/L	ND	0.50	0.47	07/14/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
Bromoform	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromomethane	ug/L	ND	5.0	1.7	07/14/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/14/21 12:45	
Chlorobenzene	ug/L	ND	0.50	0.28	07/14/21 12:45	
Chloroethane	ug/L	ND	1.0	0.65	07/14/21 12:45	
Chloroform	ug/L	ND	0.50	0.35	07/14/21 12:45	
Chloromethane	ug/L	ND	1.0	0.54	07/14/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromomethane	ug/L	ND	0.50	0.39	07/14/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/14/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/14/21 12:45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549166

METHOD BLANK: 3326300

Matrix: Water

Associated Lab Samples: 92549166001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/14/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/14/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/14/21 12:45	
m&p-Xylene	ug/L	ND	1.0	0.71	07/14/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/14/21 12:45	
Methylene Chloride	ug/L	ND	2.0	2.0	07/14/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/14/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Naphthalene	ug/L	ND	2.0	0.64	07/14/21 12:45	
o-Xylene	ug/L	ND	0.50	0.34	07/14/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/14/21 12:45	
Styrene	ug/L	ND	0.50	0.29	07/14/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Toluene	ug/L	ND	0.50	0.48	07/14/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/14/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Trichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/14/21 12:45	
Vinyl chloride	ug/L	ND	1.0	0.39	07/14/21 12:45	
1,2-Dichloroethane-d4 (S)	%	101	70-130		07/14/21 12:45	
4-Bromofluorobenzene (S)	%	95	70-130		07/14/21 12:45	
Toluene-d8 (S)	%	101	70-130		07/14/21 12:45	

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	46.5	93	60-140	
1,1-Dichloroethene	ug/L	50	45.4	91	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.0	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.6	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	44.5	89	60-140	
1,2-Dichloropropane	ug/L	50	48.4	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	50.6	101	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.9	100	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	50.4	101	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	46.7	93	60-140	
Chloroform	ug/L	50	47.3	95	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.4	107	60-140	
Dibromomethane	ug/L	50	54.0	108	60-140	
Dichlorodifluoromethane	ug/L	50	43.5	87	60-140	
Diisopropyl ether	ug/L	50	42.8	86	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.9	100	60-140	
m&p-Xylene	ug/L	100	91.5	91	60-140	
Methyl-tert-butyl ether	ug/L	50	49.5	99	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	45.5	91	60-140	
Naphthalene	ug/L	50	52.4	105	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	41.3	83	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	42.3	85	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.5	21.8	107	109	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.2	103	101	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.1	105	105	60-140	0	30
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.1	94	95	60-140	2	30
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.4	97	97	60-140	0	30
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.2	99	101	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	23.0	131	115	60-140	13	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	19.6	95	98	60-140	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	22.8	123	114	60-140	8	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	97	94	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.1	23.5	126	117	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	30
1,2-Dichloroethane	ug/L	ND	20	20	18.2	18.7	91	94	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	19.3	19.7	96	98	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.2	19.8	101	99	60-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.6	102	98	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.3	107	101	60-140	5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	19.5	19.2	98	96	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30
Benzene	ug/L	ND	20	20	19.4	19.7	97	99	60-140	2	30
Bromobenzene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	21.1	21.4	106	107	60-140	2	30
Bromodichloromethane	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30
Bromoform	ug/L	ND	20	20	23.1	23.3	116	117	60-140	1	30
Bromomethane	ug/L	ND	20	20	23.5	23.3	118	116	60-140	1	30
Carbon tetrachloride	ug/L	ND	20	20	22.3	22.8	111	114	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	20.4	20.7	102	103	60-140	1	30
Chloroethane	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30
Chloroform	ug/L	ND	20	20	19.6	20.0	98	100	60-140	2	30
Chloromethane	ug/L	ND	20	20	17.7	17.5	89	88	60-140	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.1	105	105	60-140	0	30
Dibromochloromethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dibromomethane	ug/L	ND	20	20	22.8	22.9	114	115	60-140	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	18.3	91	92	60-140	0	30
Diisopropyl ether	ug/L	ND	20	20	17.2	16.9	86	85	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.3	24.2	127	121	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.9	20.8	105	104	60-140	0	30
m&p-Xylene	ug/L	ND	40	40	39.5	40.1	99	100	60-140	2	30

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	30
Methylene Chloride	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30
n-Butylbenzene	ug/L	ND	20	20	21.0	19.9	105	99	60-140	5	30
n-Propylbenzene	ug/L	ND	20	20	19.7	19.2	99	96	60-140	3	30
Naphthalene	ug/L	ND	20	20	24.1	21.4	119	106	60-140	12	30
o-Xylene	ug/L	ND	20	20	20.0	20.1	100	100	60-140	1	30
sec-Butylbenzene	ug/L	ND	20	20	20.4	19.7	102	99	60-140	4	30
Styrene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	2	30
tert-Butylbenzene	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30
Tetrachloroethene	ug/L	ND	20	20	21.2	22.0	106	110	60-140	4	30
Toluene	ug/L	ND	20	20	19.5	19.6	98	98	60-140	0	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.3	19.0	97	95	60-140	2	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.8	21.4	109	107	60-140	2	30
Trichloroethene	ug/L	ND	20	20	21.8	22.3	109	111	60-140	2	30
Trichlorofluoromethane	ug/L	ND	20	20	20.7	20.6	103	103	60-140	0	30
Vinyl chloride	ug/L	ND	20	20	18.7	18.7	93	93	60-140	0	30
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						96	96	70-130		
Toluene-d8 (S)	%						99	98	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92549166

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92549166

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92549166001	13800_HC_RD_20210713	MADEP VPH	634122		
92549166001	13800_HC_RD_20210713	EPA 3010A	633866	EPA 6010D	634014
92549166001	13800_HC_RD_20210713	SM 6200B	633286		

REPORT OF LABORATORY ANALYSIS

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July 20, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92549171

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92549171001	14401_HC_RD_20210713	Water	07/13/21 10:50	07/13/21 14:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92549171001	14401_HC_RD_20210713	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

Sample: 14401_HC_RD_20210713 Lab ID: 92549171001 Collected: 07/13/21 10:50 Received: 07/13/21 14:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 20:17		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 20:17		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 20:17		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 20:17		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130		1		07/17/21 20:17	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		07/17/21 20:17	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 20:50	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 14:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 14:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 14:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 14:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 14:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 14:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 14:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 14:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 14:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 14:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 14:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 14:15	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/14/21 14:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 14:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 14:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 14:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 14:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 14:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 14:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 14:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 14:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 14:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 14:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 14:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 14:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 14:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 14:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 14:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 14:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 14:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 14:15	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

Sample: 14401_HC_RD_20210713 **Lab ID:** 92549171001 **Collected:** 07/13/21 10:50 **Received:** 07/13/21 14:05 **Matrix:** Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 14:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 14:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 14:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 14:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 14:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 14:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 14:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 14:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 14:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 14:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 14:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 14:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 14:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 14:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 14:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 14:15	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 14:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 14:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 14:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 14:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 14:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 14:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 14:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 14:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 14:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 14:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 14:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 14:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 14:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		07/14/21 14:15	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/14/21 14:15	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/14/21 14:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

QC Batch: 634122

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549171001

METHOD BLANK: 3330547

Matrix: Water

Associated Lab Samples: 92549171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/17/21 16:30	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/17/21 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 3330548

3330549

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	305	317	102	106	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	93.5	96.0	93	96	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				87	86	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

QC Batch: 633866

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92549171001

METHOD BLANK: 3329186

Matrix: Water

Associated Lab Samples: 92549171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/19/21 19:25	

LABORATORY CONTROL SAMPLE: 3329187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	512	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3329188 3329189

Parameter	Units	92548049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	471	469	94	93	75-125	1	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549171

QC Batch: 633286	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549171001

METHOD BLANK: 3326300 Matrix: Water

Associated Lab Samples: 92549171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/14/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/14/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/14/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/14/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/14/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/14/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/14/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/14/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/14/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/14/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/14/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/14/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/14/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Benzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromobenzene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Bromochloromethane	ug/L	ND	0.50	0.47	07/14/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
Bromoform	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromomethane	ug/L	ND	5.0	1.7	07/14/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/14/21 12:45	
Chlorobenzene	ug/L	ND	0.50	0.28	07/14/21 12:45	
Chloroethane	ug/L	ND	1.0	0.65	07/14/21 12:45	
Chloroform	ug/L	ND	0.50	0.35	07/14/21 12:45	
Chloromethane	ug/L	ND	1.0	0.54	07/14/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromomethane	ug/L	ND	0.50	0.39	07/14/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/14/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/14/21 12:45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549171

METHOD BLANK: 3326300

Matrix: Water

Associated Lab Samples: 92549171001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/14/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/14/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/14/21 12:45	
m&p-Xylene	ug/L	ND	1.0	0.71	07/14/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/14/21 12:45	
Methylene Chloride	ug/L	ND	2.0	2.0	07/14/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/14/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Naphthalene	ug/L	ND	2.0	0.64	07/14/21 12:45	
o-Xylene	ug/L	ND	0.50	0.34	07/14/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/14/21 12:45	
Styrene	ug/L	ND	0.50	0.29	07/14/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Toluene	ug/L	ND	0.50	0.48	07/14/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/14/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Trichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/14/21 12:45	
Vinyl chloride	ug/L	ND	1.0	0.39	07/14/21 12:45	
1,2-Dichloroethane-d4 (S)	%	101	70-130		07/14/21 12:45	
4-Bromofluorobenzene (S)	%	95	70-130		07/14/21 12:45	
Toluene-d8 (S)	%	101	70-130		07/14/21 12:45	

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	46.5	93	60-140	
1,1-Dichloroethene	ug/L	50	45.4	91	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.0	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.6	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	44.5	89	60-140	
1,2-Dichloropropane	ug/L	50	48.4	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	50.6	101	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.9	100	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	50.4	101	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	46.7	93	60-140	
Chloroform	ug/L	50	47.3	95	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.4	107	60-140	
Dibromomethane	ug/L	50	54.0	108	60-140	
Dichlorodifluoromethane	ug/L	50	43.5	87	60-140	
Diisopropyl ether	ug/L	50	42.8	86	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.9	100	60-140	
m&p-Xylene	ug/L	100	91.5	91	60-140	
Methyl-tert-butyl ether	ug/L	50	49.5	99	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	45.5	91	60-140	
Naphthalene	ug/L	50	52.4	105	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	41.3	83	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	42.3	85	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.5	21.8	107	109	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.2	103	101	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.1	105	105	60-140	0	30
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.1	94	95	60-140	2	30
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.4	97	97	60-140	0	30
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.2	99	101	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	23.0	131	115	60-140	13	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	19.6	95	98	60-140	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	22.8	123	114	60-140	8	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	97	94	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.1	23.5	126	117	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	30
1,2-Dichloroethane	ug/L	ND	20	20	18.2	18.7	91	94	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	19.3	19.7	96	98	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.2	19.8	101	99	60-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.6	102	98	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.3	107	101	60-140	5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	19.5	19.2	98	96	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30
Benzene	ug/L	ND	20	20	19.4	19.7	97	99	60-140	2	30
Bromobenzene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	21.1	21.4	106	107	60-140	2	30
Bromodichloromethane	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30
Bromoform	ug/L	ND	20	20	23.1	23.3	116	117	60-140	1	30
Bromomethane	ug/L	ND	20	20	23.5	23.3	118	116	60-140	1	30
Carbon tetrachloride	ug/L	ND	20	20	22.3	22.8	111	114	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	20.4	20.7	102	103	60-140	1	30
Chloroethane	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30
Chloroform	ug/L	ND	20	20	19.6	20.0	98	100	60-140	2	30
Chloromethane	ug/L	ND	20	20	17.7	17.5	89	88	60-140	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.1	105	105	60-140	0	30
Dibromochloromethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dibromomethane	ug/L	ND	20	20	22.8	22.9	114	115	60-140	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	18.3	91	92	60-140	0	30
Diisopropyl ether	ug/L	ND	20	20	17.2	16.9	86	85	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.3	24.2	127	121	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.9	20.8	105	104	60-140	0	30
m&p-Xylene	ug/L	ND	40	40	39.5	40.1	99	100	60-140	2	30

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	30
Methylene Chloride	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30
n-Butylbenzene	ug/L	ND	20	20	21.0	19.9	105	99	60-140	5	30
n-Propylbenzene	ug/L	ND	20	20	19.7	19.2	99	96	60-140	3	30
Naphthalene	ug/L	ND	20	20	24.1	21.4	119	106	60-140	12	30
o-Xylene	ug/L	ND	20	20	20.0	20.1	100	100	60-140	1	30
sec-Butylbenzene	ug/L	ND	20	20	20.4	19.7	102	99	60-140	4	30
Styrene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	2	30
tert-Butylbenzene	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30
Tetrachloroethene	ug/L	ND	20	20	21.2	22.0	106	110	60-140	4	30
Toluene	ug/L	ND	20	20	19.5	19.6	98	98	60-140	0	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.3	19.0	97	95	60-140	2	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.8	21.4	109	107	60-140	2	30
Trichloroethene	ug/L	ND	20	20	21.8	22.3	109	111	60-140	2	30
Trichlorofluoromethane	ug/L	ND	20	20	20.7	20.6	103	103	60-140	0	30
Vinyl chloride	ug/L	ND	20	20	18.7	18.7	93	93	60-140	0	30
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						96	96	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92549171

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92549171001	14401_HC_RD_20210713	MADEP VPH	634122		
92549171001	14401_HC_RD_20210713	EPA 3010A	633866	EPA 6010D	634014
92549171001	14401_HC_RD_20210713	SM 6200B	633286		

REPORT OF LABORATORY ANALYSIS

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July 20, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92549173

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92549173001	13926A_HC_RD_20210713	Water	07/13/21 13:35	07/13/21 14:05

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92549173001	13926A_HC_RD_20210713	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

Sample: 13926A_HC_RD_20210713 Lab ID: 92549173001 Collected: 07/13/21 13:35 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 20:48		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 20:48		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 20:48		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 20:48		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	82	%	70-130		1		07/17/21 20:48	460-00-4	
4-Bromofluorobenzene (PID) (S)	76	%	70-130		1		07/17/21 20:48	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 20:54	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 15:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 15:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 15:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 15:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 15:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 15:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 15:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 15:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 15:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 15:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 15:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 15:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/14/21 15:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 15:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 15:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 15:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 15:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 15:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 15:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 15:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 15:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 15:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 15:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 15:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 15:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 15:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 15:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 15:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 15:27	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

Sample: 13926A_HC_RD_20210713 Lab ID: 92549173001 Collected: 07/13/21 13:35 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 15:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 15:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 15:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 15:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 15:27	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 15:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 15:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 15:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 15:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 15:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 15:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 15:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 15:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 15:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 15:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 15:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 15:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 15:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 15:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 15:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 15:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 15:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 15:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 15:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 15:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 15:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 15:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 15:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		07/14/21 15:27	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		07/14/21 15:27	460-00-4	
Toluene-d8 (S)	106	%	70-130		1		07/14/21 15:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

QC Batch: 634122

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549173001

METHOD BLANK: 3330547

Matrix: Water

Associated Lab Samples: 92549173001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/17/21 16:30	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/17/21 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 3330548

3330549

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	305	317	102	106	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	93.5	96.0	93	96	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				87	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

QC Batch: 633866

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92549173001

METHOD BLANK: 3329186

Matrix: Water

Associated Lab Samples: 92549173001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/19/21 19:25	

LABORATORY CONTROL SAMPLE: 3329187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	512	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3329188 3329189

Parameter	Units	92548049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	471	469	94	93	75-125	1	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549173

QC Batch: 633286	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549173001

METHOD BLANK: 3326300 Matrix: Water
Associated Lab Samples: 92549173001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/14/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/14/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/14/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/14/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/14/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/14/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/14/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/14/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/14/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/14/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/14/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/14/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/14/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Benzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromobenzene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Bromochloromethane	ug/L	ND	0.50	0.47	07/14/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
Bromoform	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromomethane	ug/L	ND	5.0	1.7	07/14/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/14/21 12:45	
Chlorobenzene	ug/L	ND	0.50	0.28	07/14/21 12:45	
Chloroethane	ug/L	ND	1.0	0.65	07/14/21 12:45	
Chloroform	ug/L	ND	0.50	0.35	07/14/21 12:45	
Chloromethane	ug/L	ND	1.0	0.54	07/14/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromomethane	ug/L	ND	0.50	0.39	07/14/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/14/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/14/21 12:45	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549173

METHOD BLANK: 3326300

Matrix: Water

Associated Lab Samples: 92549173001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/14/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/14/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/14/21 12:45	
m&p-Xylene	ug/L	ND	1.0	0.71	07/14/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/14/21 12:45	
Methylene Chloride	ug/L	ND	2.0	2.0	07/14/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/14/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Naphthalene	ug/L	ND	2.0	0.64	07/14/21 12:45	
o-Xylene	ug/L	ND	0.50	0.34	07/14/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/14/21 12:45	
Styrene	ug/L	ND	0.50	0.29	07/14/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Toluene	ug/L	ND	0.50	0.48	07/14/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/14/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Trichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/14/21 12:45	
Vinyl chloride	ug/L	ND	1.0	0.39	07/14/21 12:45	
1,2-Dichloroethane-d4 (S)	%	101	70-130		07/14/21 12:45	
4-Bromofluorobenzene (S)	%	95	70-130		07/14/21 12:45	
Toluene-d8 (S)	%	101	70-130		07/14/21 12:45	

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	46.5	93	60-140	
1,1-Dichloroethene	ug/L	50	45.4	91	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.0	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.6	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	44.5	89	60-140	
1,2-Dichloropropane	ug/L	50	48.4	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	50.6	101	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.9	100	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	50.4	101	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	46.7	93	60-140	
Chloroform	ug/L	50	47.3	95	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.4	107	60-140	
Dibromomethane	ug/L	50	54.0	108	60-140	
Dichlorodifluoromethane	ug/L	50	43.5	87	60-140	
Diisopropyl ether	ug/L	50	42.8	86	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.9	100	60-140	
m&p-Xylene	ug/L	100	91.5	91	60-140	
Methyl-tert-butyl ether	ug/L	50	49.5	99	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	45.5	91	60-140	
Naphthalene	ug/L	50	52.4	105	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	41.3	83	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	42.3	85	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.5	21.8	107	109	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.2	103	101	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.1	105	105	60-140	0	30
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.1	94	95	60-140	2	30
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.4	97	97	60-140	0	30
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.2	99	101	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	23.0	131	115	60-140	13	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	19.6	95	98	60-140	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	22.8	123	114	60-140	8	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	97	94	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.1	23.5	126	117	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	30
1,2-Dichloroethane	ug/L	ND	20	20	18.2	18.7	91	94	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	19.3	19.7	96	98	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.2	19.8	101	99	60-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.6	102	98	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.3	107	101	60-140	5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	19.5	19.2	98	96	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30
Benzene	ug/L	ND	20	20	19.4	19.7	97	99	60-140	2	30
Bromobenzene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	21.1	21.4	106	107	60-140	2	30
Bromodichloromethane	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30
Bromoform	ug/L	ND	20	20	23.1	23.3	116	117	60-140	1	30
Bromomethane	ug/L	ND	20	20	23.5	23.3	118	116	60-140	1	30
Carbon tetrachloride	ug/L	ND	20	20	22.3	22.8	111	114	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	20.4	20.7	102	103	60-140	1	30
Chloroethane	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30
Chloroform	ug/L	ND	20	20	19.6	20.0	98	100	60-140	2	30
Chloromethane	ug/L	ND	20	20	17.7	17.5	89	88	60-140	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.1	105	105	60-140	0	30
Dibromochloromethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dibromomethane	ug/L	ND	20	20	22.8	22.9	114	115	60-140	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	18.3	91	92	60-140	0	30
Diisopropyl ether	ug/L	ND	20	20	17.2	16.9	86	85	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.3	24.2	127	121	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.9	20.8	105	104	60-140	0	30
m&p-Xylene	ug/L	ND	40	40	39.5	40.1	99	100	60-140	2	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302				3326303								
		92548940001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	30	
Methylene Chloride	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	21.0	19.9	105	99	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	19.7	19.2	99	96	60-140	3	30	
Naphthalene	ug/L	ND	20	20	24.1	21.4	119	106	60-140	12	30	
o-Xylene	ug/L	ND	20	20	20.0	20.1	100	100	60-140	1	30	
sec-Butylbenzene	ug/L	ND	20	20	20.4	19.7	102	99	60-140	4	30	
Styrene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	2	30	
tert-Butylbenzene	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
Tetrachloroethene	ug/L	ND	20	20	21.2	22.0	106	110	60-140	4	30	
Toluene	ug/L	ND	20	20	19.5	19.6	98	98	60-140	0	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.3	19.0	97	95	60-140	2	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.8	21.4	109	107	60-140	2	30	
Trichloroethene	ug/L	ND	20	20	21.8	22.3	109	111	60-140	2	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.7	20.6	103	103	60-140	0	30	
Vinyl chloride	ug/L	ND	20	20	18.7	18.7	93	93	60-140	0	30	
1,2-Dichloroethane-d4 (S)	%						98	97	70-130			
4-Bromofluorobenzene (S)	%						96	96	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92549173

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92549173001	13926A_HC_RD_20210713	MADEP VPH	634122		
92549173001	13926A_HC_RD_20210713	EPA 3010A	633866	EPA 6010D	634014
92549173001	13926A_HC_RD_20210713	SM 6200B	633286		

REPORT OF LABORATORY ANALYSIS

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July 20, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92549176

Dear Andrew Street:

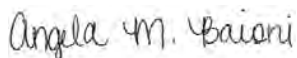
Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92549176001	14226_HC_RD_20210713	Water	07/13/21 12:30	07/13/21 14:05

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92549176001	14226_HC_RD_20210713	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

Sample: 14226_HC_RD_20210713 Lab ID: 92549176001 Collected: 07/13/21 12:30 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 21:17		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 21:17		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 21:17		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 21:17		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		07/17/21 21:17	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		07/17/21 21:17	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 21:04	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 15:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 15:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 15:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 15:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 15:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 15:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 15:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 15:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 15:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 15:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 15:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 15:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/14/21 15:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 15:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 15:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 15:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 15:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 15:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 15:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 15:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 15:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 15:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 15:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 15:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 15:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 15:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 15:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 15:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 15:45	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

Sample: 14226_HC_RD_20210713 Lab ID: 92549176001 Collected: 07/13/21 12:30 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 15:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 15:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 15:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 15:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 15:45	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 15:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 15:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 15:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 15:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 15:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 15:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 15:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 15:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 15:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 15:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 15:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 15:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 15:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 15:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 15:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 15:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 15:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 15:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 15:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 15:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 15:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 15:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 15:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 15:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		07/14/21 15:45	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		07/14/21 15:45	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/14/21 15:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

QC Batch: 634122

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549176001

METHOD BLANK: 3330547

Matrix: Water

Associated Lab Samples: 92549176001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/17/21 16:30	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/17/21 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 3330548

3330549

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	305	317	102	106	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	93.5	96.0	93	96	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				87	86	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

QC Batch: 633866

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92549176001

METHOD BLANK: 3329186

Matrix: Water

Associated Lab Samples: 92549176001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/19/21 19:25	

LABORATORY CONTROL SAMPLE: 3329187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	512	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3329188 3329189

Parameter	Units	92548049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	471	469	94	93	75-125	1	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549176

QC Batch: 633286	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549176001

METHOD BLANK: 3326300 Matrix: Water
Associated Lab Samples: 92549176001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/14/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/14/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/14/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/14/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/14/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/14/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/14/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/14/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/14/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/14/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/14/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/14/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/14/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Benzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromobenzene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Bromochloromethane	ug/L	ND	0.50	0.47	07/14/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
Bromoform	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromomethane	ug/L	ND	5.0	1.7	07/14/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/14/21 12:45	
Chlorobenzene	ug/L	ND	0.50	0.28	07/14/21 12:45	
Chloroethane	ug/L	ND	1.0	0.65	07/14/21 12:45	
Chloroform	ug/L	ND	0.50	0.35	07/14/21 12:45	
Chloromethane	ug/L	ND	1.0	0.54	07/14/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromomethane	ug/L	ND	0.50	0.39	07/14/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/14/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/14/21 12:45	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549176

METHOD BLANK: 3326300

Matrix: Water

Associated Lab Samples: 92549176001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/14/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/14/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/14/21 12:45	
m&p-Xylene	ug/L	ND	1.0	0.71	07/14/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/14/21 12:45	
Methylene Chloride	ug/L	ND	2.0	2.0	07/14/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/14/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Naphthalene	ug/L	ND	2.0	0.64	07/14/21 12:45	
o-Xylene	ug/L	ND	0.50	0.34	07/14/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/14/21 12:45	
Styrene	ug/L	ND	0.50	0.29	07/14/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Toluene	ug/L	ND	0.50	0.48	07/14/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/14/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Trichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/14/21 12:45	
Vinyl chloride	ug/L	ND	1.0	0.39	07/14/21 12:45	
1,2-Dichloroethane-d4 (S)	%	101	70-130		07/14/21 12:45	
4-Bromofluorobenzene (S)	%	95	70-130		07/14/21 12:45	
Toluene-d8 (S)	%	101	70-130		07/14/21 12:45	

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	46.5	93	60-140	
1,1-Dichloroethene	ug/L	50	45.4	91	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.0	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.6	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	44.5	89	60-140	
1,2-Dichloropropane	ug/L	50	48.4	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	50.6	101	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.9	100	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	50.4	101	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	46.7	93	60-140	
Chloroform	ug/L	50	47.3	95	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.4	107	60-140	
Dibromomethane	ug/L	50	54.0	108	60-140	
Dichlorodifluoromethane	ug/L	50	43.5	87	60-140	
Diisopropyl ether	ug/L	50	42.8	86	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.9	100	60-140	
m&p-Xylene	ug/L	100	91.5	91	60-140	
Methyl-tert-butyl ether	ug/L	50	49.5	99	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	45.5	91	60-140	
Naphthalene	ug/L	50	52.4	105	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	41.3	83	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	42.3	85	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.5	21.8	107	109	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.2	103	101	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.1	105	105	60-140	0	30
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.1	94	95	60-140	2	30
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.4	97	97	60-140	0	30
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.2	99	101	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	23.0	131	115	60-140	13	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	19.6	95	98	60-140	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	22.8	123	114	60-140	8	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	97	94	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.1	23.5	126	117	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	30
1,2-Dichloroethane	ug/L	ND	20	20	18.2	18.7	91	94	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	19.3	19.7	96	98	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.2	19.8	101	99	60-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.6	102	98	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.3	107	101	60-140	5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	19.5	19.2	98	96	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30
Benzene	ug/L	ND	20	20	19.4	19.7	97	99	60-140	2	30
Bromobenzene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	21.1	21.4	106	107	60-140	2	30
Bromodichloromethane	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30
Bromoform	ug/L	ND	20	20	23.1	23.3	116	117	60-140	1	30
Bromomethane	ug/L	ND	20	20	23.5	23.3	118	116	60-140	1	30
Carbon tetrachloride	ug/L	ND	20	20	22.3	22.8	111	114	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	20.4	20.7	102	103	60-140	1	30
Chloroethane	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30
Chloroform	ug/L	ND	20	20	19.6	20.0	98	100	60-140	2	30
Chloromethane	ug/L	ND	20	20	17.7	17.5	89	88	60-140	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.1	105	105	60-140	0	30
Dibromochloromethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dibromomethane	ug/L	ND	20	20	22.8	22.9	114	115	60-140	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	18.3	91	92	60-140	0	30
Diisopropyl ether	ug/L	ND	20	20	17.2	16.9	86	85	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.3	24.2	127	121	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.9	20.8	105	104	60-140	0	30
m&p-Xylene	ug/L	ND	40	40	39.5	40.1	99	100	60-140	2	30

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001		MS	MSD	MS		MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20	20.1	19.7	100	99	60-140	2 30
Methylene Chloride	ug/L	ND	20	20	20	18.0	17.7	90	89	60-140	2 30
n-Butylbenzene	ug/L	ND	20	20	20	21.0	19.9	105	99	60-140	5 30
n-Propylbenzene	ug/L	ND	20	20	20	19.7	19.2	99	96	60-140	3 30
Naphthalene	ug/L	ND	20	20	20	24.1	21.4	119	106	60-140	12 30
o-Xylene	ug/L	ND	20	20	20	20.0	20.1	100	100	60-140	1 30
sec-Butylbenzene	ug/L	ND	20	20	20	20.4	19.7	102	99	60-140	4 30
Styrene	ug/L	ND	20	20	20	20.1	20.4	101	102	60-140	2 30
tert-Butylbenzene	ug/L	ND	20	20	20	17.8	17.4	89	87	60-140	2 30
Tetrachloroethene	ug/L	ND	20	20	20	21.2	22.0	106	110	60-140	4 30
Toluene	ug/L	ND	20	20	20	19.5	19.6	98	98	60-140	0 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	19.3	19.0	97	95	60-140	2 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	21.8	21.4	109	107	60-140	2 30
Trichloroethene	ug/L	ND	20	20	20	21.8	22.3	109	111	60-140	2 30
Trichlorofluoromethane	ug/L	ND	20	20	20	20.7	20.6	103	103	60-140	0 30
Vinyl chloride	ug/L	ND	20	20	20	18.7	18.7	93	93	60-140	0 30
1,2-Dichloroethane-d4 (S)	%							98	97	70-130	
4-Bromofluorobenzene (S)	%							96	96	70-130	
Toluene-d8 (S)	%							99	98	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92549176

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92549176

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92549176001	14226_HC_RD_20210713	MADEP VPH	634122		
92549176001	14226_HC_RD_20210713	EPA 3010A	633866	EPA 6010D	634014
92549176001	14226_HC_RD_20210713	SM 6200B	633286		

REPORT OF LABORATORY ANALYSIS

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LAB USE ONLY - *AL* W0#: 92549176

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: *Apex Companies*

Address: *Andrew Street*

Report To: *Andrew Street*

Copy To: *Andrew Street*

Customer Project Name/Number: *2020-11-2448 Incident*

Site/Facility ID #: *Incident*

Phone: *702-11-2448*

Email: *Andrew Street*

Collected By (print): *Nanni Fritz*

Order #: *ASAP*

Turnaround Date Required: *ASAP*

Rush: *[] Same Day [] Next Day [] 12 Day [] 3 Day [] 4 Day [] 5 Day*

Sample Disposal: *[] Dispose as appropriate [] Return [] Archive [] Hold:*

* Matrix Codes (Insert in Matrix box below): *Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)*

Customer Sample ID: *14226-HL-PD-2021-0213*

Matrix: *DW*

Comp / Grab: *G*

Collected (or Composite Start) Date: *7-13-21* Time: *1730*

Composite End Date: *7-13-21* Time: *1730*

Res CI: *8*

of Ctns: *8*

Type of Ice Used: *Wet*

Packing Material Used: *Bubble bags*

Radchem sample(s) screened (<500 cpm): *Y N NA*

Received by/Company: (Signature) *7-13-21 1405*

Relinquished by/Company: (Signature) *Nanni Fritz / Apex*

Received by/Company: (Signature) *7-13-21 1405*

Relinquished by/Company: (Signature)

Received by/Company: (Signature)

Relinquished by/Company: (Signature)

Billings Information:

Short Holds Present (<72 hours): *Y N NA*

Lab Tracking #: *26322658*

Samples received via: *FEDEX UPS Client*

Date/Time: *7-13-21 1405*

MTJL LAB USE ONLY

Table #: *26322658*

Acctnum: *26322658*

Template: *26322658*

Prelogin: *26322658*

PM: *26322658*

PB: *26322658*

Lab Sample Temperature Info:

Temp Blank Received: *Y N NA*

Therm ID#: *92549176*

Cooler 1 Temp Upon Receipt: *5.4* oC

Cooler 1 Therm Corr. Factor: *-9* oC

Cooler 1 Corrected Temp: *53* oC

Comments:

Trip Blank Received: *Y N NA*

HCL MeOH TSP Other

Non Conformance(s): *YES / NO*

Page: *92549176* of: *92549176*

July 20, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92549179

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92549179001	13926B_HC_RD_20210713	Water	07/13/21 13:05	07/13/21 14:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92549179001	13926B_HC_RD_20210713	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

Sample: 13926B_HC_RD_20210713 Lab ID: 92549179001 Collected: 07/13/21 13:05 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 21:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 21:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 21:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 21:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130		1		07/17/21 21:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		07/17/21 21:45	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 21:07	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 14:33	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 14:33	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 14:33	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 14:33	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 14:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 14:33	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 14:33	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 14:33	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 14:33	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 14:33	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 14:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 14:33	75-00-3	
Chloroform	9.0	ug/L	0.50	0.35	1		07/14/21 14:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 14:33	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 14:33	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 14:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 14:33	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 14:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 14:33	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 14:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 14:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 14:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 14:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 14:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 14:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 14:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 14:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 14:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 14:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 14:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 14:33	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

Sample: 13926B_HC_RD_20210713 Lab ID: 92549179001 Collected: 07/13/21 13:05 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 14:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 14:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 14:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 14:33	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 14:33	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 14:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 14:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 14:33	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 14:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 14:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 14:33	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 14:33	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 14:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 14:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 14:33	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 14:33	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 14:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 14:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 14:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 14:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 14:33	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 14:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 14:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 14:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 14:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 14:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 14:33	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 14:33	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 14:33	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		07/14/21 14:33	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		07/14/21 14:33	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		07/14/21 14:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

QC Batch: 634122	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549179001

METHOD BLANK: 3330547 Matrix: Water

Associated Lab Samples: 92549179001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/17/21 16:30	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/17/21 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 3330548

		3330549								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	305	317	102	106	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	93.5	96.0	93	96	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				87	86	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

QC Batch: 633866

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92549179001

METHOD BLANK: 3329186

Matrix: Water

Associated Lab Samples: 92549179001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/19/21 19:25	

LABORATORY CONTROL SAMPLE: 3329187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	512	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3329188 3329189

Parameter	Units	92548049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	471	469	94	93	75-125	1	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549179

QC Batch: 633286	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549179001

METHOD BLANK: 3326300 Matrix: Water
Associated Lab Samples: 92549179001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/14/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/14/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/14/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/14/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/14/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/14/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/14/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/14/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/14/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/14/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/14/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/14/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/14/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Benzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromobenzene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Bromochloromethane	ug/L	ND	0.50	0.47	07/14/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
Bromoform	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromomethane	ug/L	ND	5.0	1.7	07/14/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/14/21 12:45	
Chlorobenzene	ug/L	ND	0.50	0.28	07/14/21 12:45	
Chloroethane	ug/L	ND	1.0	0.65	07/14/21 12:45	
Chloroform	ug/L	ND	0.50	0.35	07/14/21 12:45	
Chloromethane	ug/L	ND	1.0	0.54	07/14/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromomethane	ug/L	ND	0.50	0.39	07/14/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/14/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/14/21 12:45	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549179

METHOD BLANK: 3326300

Matrix: Water

Associated Lab Samples: 92549179001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/14/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/14/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/14/21 12:45	
m&p-Xylene	ug/L	ND	1.0	0.71	07/14/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/14/21 12:45	
Methylene Chloride	ug/L	ND	2.0	2.0	07/14/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/14/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Naphthalene	ug/L	ND	2.0	0.64	07/14/21 12:45	
o-Xylene	ug/L	ND	0.50	0.34	07/14/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/14/21 12:45	
Styrene	ug/L	ND	0.50	0.29	07/14/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Toluene	ug/L	ND	0.50	0.48	07/14/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/14/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Trichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/14/21 12:45	
Vinyl chloride	ug/L	ND	1.0	0.39	07/14/21 12:45	
1,2-Dichloroethane-d4 (S)	%	101	70-130		07/14/21 12:45	
4-Bromofluorobenzene (S)	%	95	70-130		07/14/21 12:45	
Toluene-d8 (S)	%	101	70-130		07/14/21 12:45	

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	46.5	93	60-140	
1,1-Dichloroethene	ug/L	50	45.4	91	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.0	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.6	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	44.5	89	60-140	
1,2-Dichloropropane	ug/L	50	48.4	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	50.6	101	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.9	100	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	50.4	101	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	46.7	93	60-140	
Chloroform	ug/L	50	47.3	95	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.4	107	60-140	
Dibromomethane	ug/L	50	54.0	108	60-140	
Dichlorodifluoromethane	ug/L	50	43.5	87	60-140	
Diisopropyl ether	ug/L	50	42.8	86	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.9	100	60-140	
m&p-Xylene	ug/L	100	91.5	91	60-140	
Methyl-tert-butyl ether	ug/L	50	49.5	99	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	45.5	91	60-140	
Naphthalene	ug/L	50	52.4	105	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	41.3	83	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	42.3	85	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			94	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.5	21.8	107	109	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.2	103	101	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.1	105	105	60-140	0	30
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.1	94	95	60-140	2	30
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.4	97	97	60-140	0	30
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.2	99	101	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	23.0	131	115	60-140	13	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	19.6	95	98	60-140	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	22.8	123	114	60-140	8	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	97	94	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.1	23.5	126	117	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	30
1,2-Dichloroethane	ug/L	ND	20	20	18.2	18.7	91	94	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	19.3	19.7	96	98	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.2	19.8	101	99	60-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.6	102	98	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.3	107	101	60-140	5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	19.5	19.2	98	96	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30
Benzene	ug/L	ND	20	20	19.4	19.7	97	99	60-140	2	30
Bromobenzene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	21.1	21.4	106	107	60-140	2	30
Bromodichloromethane	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30
Bromoform	ug/L	ND	20	20	23.1	23.3	116	117	60-140	1	30
Bromomethane	ug/L	ND	20	20	23.5	23.3	118	116	60-140	1	30
Carbon tetrachloride	ug/L	ND	20	20	22.3	22.8	111	114	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	20.4	20.7	102	103	60-140	1	30
Chloroethane	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30
Chloroform	ug/L	ND	20	20	19.6	20.0	98	100	60-140	2	30
Chloromethane	ug/L	ND	20	20	17.7	17.5	89	88	60-140	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.1	105	105	60-140	0	30
Dibromochloromethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dibromomethane	ug/L	ND	20	20	22.8	22.9	114	115	60-140	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	18.3	91	92	60-140	0	30
Diisopropyl ether	ug/L	ND	20	20	17.2	16.9	86	85	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.3	24.2	127	121	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.9	20.8	105	104	60-140	0	30
m&p-Xylene	ug/L	ND	40	40	39.5	40.1	99	100	60-140	2	30

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:				3326302	3326303								
Parameter	Units	92548940001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	30		
Methylene Chloride	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30		
n-Butylbenzene	ug/L	ND	20	20	21.0	19.9	105	99	60-140	5	30		
n-Propylbenzene	ug/L	ND	20	20	19.7	19.2	99	96	60-140	3	30		
Naphthalene	ug/L	ND	20	20	24.1	21.4	119	106	60-140	12	30		
o-Xylene	ug/L	ND	20	20	20.0	20.1	100	100	60-140	1	30		
sec-Butylbenzene	ug/L	ND	20	20	20.4	19.7	102	99	60-140	4	30		
Styrene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	2	30		
tert-Butylbenzene	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30		
Tetrachloroethene	ug/L	ND	20	20	21.2	22.0	106	110	60-140	4	30		
Toluene	ug/L	ND	20	20	19.5	19.6	98	98	60-140	0	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.3	19.0	97	95	60-140	2	30		
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.8	21.4	109	107	60-140	2	30		
Trichloroethene	ug/L	ND	20	20	21.8	22.3	109	111	60-140	2	30		
Trichlorofluoromethane	ug/L	ND	20	20	20.7	20.6	103	103	60-140	0	30		
Vinyl chloride	ug/L	ND	20	20	18.7	18.7	93	93	60-140	0	30		
1,2-Dichloroethane-d4 (S)	%						98	97	70-130				
4-Bromofluorobenzene (S)	%						96	96	70-130				
Toluene-d8 (S)	%						99	98	70-130				

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92549179

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92549179001	13926B_HC_RD_20210713	MADEP VPH	634122		
92549179001	13926B_HC_RD_20210713	EPA 3010A	633866	EPA 6010D	634014
92549179001	13926B_HC_RD_20210713	SM 6200B	633286		

REPORT OF LABORATORY ANALYSIS

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LAB USE ONLY - Aff
WO#: 92549179
ALL S
92549179

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: Apex Companies

Address: Andrew Street

Report To: Andrew Street

Copy To: Andrew Street

Customer Project Name/Number: 2020-U-2448 Incident

Phone: Site/Facility ID #:

Email: Purchase Order #:

Collected By (print): Naomi Fritz

Collected By (signature): Naomi Fritz

Turnaround Date Required: ASAP

Rush: [] Same Day [] Next Day

[] 1 Day [] 3 Day [] 4 Day [] 5 Day

(Expedite Charges Apply)

Sample Disposal: [] Return [] Archive [] Hold:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Wastewater (WW),

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID: i3926BHC80-20201013 DW

Comp / Grab: G

Collected (or Composite Start) Date: 7-13-21 1305

Composite End Date: Time:

Res CI: 8

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Tracking #: 2632659

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Temp Blank Received: Y N (NA)

Therm ID#: 927064

Cooler 1 Temp Upon Receipt: 5.3 °C

Cooler 1 Therm Corr. Factor: -0.3 °C

Cooler 1 Corrected Temp: 5.3 °C

Comments:

Lab Sample Temperature Info:

Relinquished by/Company: (Signature) Naomi Fritz 1 Aug

Date/Time: 7-13-21 1405

Received by/Company: (Signature) DO Pace

Date/Time: 7-13-21 1405

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

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Table #: 7/13/21 MDT

Accnum:

Template:

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PM:

PB:

Table #:

Accnum:

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Prelogin:

PM:

PB:

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July 21, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92549184

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

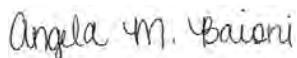
The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

A revised laboratory report is being submitted on 7/21/21 to revise the sample ID, per client request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92549184001	13835_AC_RD_20210713	Water	07/13/21 11:45	07/13/21 14:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92549184001	13835_AC_RD_20210713	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	CBV	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

Sample: 13835_AC_RD_20210713 Lab ID: 92549184001 Collected: 07/13/21 11:45 Received: 07/13/21 14:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/17/21 22:14		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/17/21 22:14		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/17/21 22:14		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/17/21 22:14		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		07/17/21 22:14	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		07/17/21 22:14	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/16/21 12:20	07/19/21 21:10	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/14/21 16:03	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/14/21 16:03	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/14/21 16:03	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/14/21 16:03	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/14/21 16:03	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/14/21 16:03	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/14/21 16:03	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/14/21 16:03	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/14/21 16:03	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/14/21 16:03	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/14/21 16:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/14/21 16:03	75-00-3	
Chloroform	0.80	ug/L	0.50	0.35	1		07/14/21 16:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/14/21 16:03	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 16:03	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/14/21 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/14/21 16:03	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/14/21 16:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/14/21 16:03	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/14/21 16:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 16:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/14/21 16:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/14/21 16:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/14/21 16:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/14/21 16:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 16:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/14/21 16:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 16:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/14/21 16:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/14/21 16:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/14/21 16:03	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

Sample: 13835_AC_RD_20210713 Lab ID: 92549184001 Collected: 07/13/21 11:45 Received: 07/13/21 14:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/14/21 16:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/14/21 16:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 16:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/14/21 16:03	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/14/21 16:03	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/14/21 16:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/14/21 16:03	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/14/21 16:03	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/14/21 16:03	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/14/21 16:03	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/14/21 16:03	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/14/21 16:03	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/14/21 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/14/21 16:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/14/21 16:03	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/14/21 16:03	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/14/21 16:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/14/21 16:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/14/21 16:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/14/21 16:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/14/21 16:03	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/14/21 16:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/14/21 16:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/14/21 16:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/14/21 16:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/14/21 16:03	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/14/21 16:03	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/14/21 16:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/14/21 16:03	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		07/14/21 16:03	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		07/14/21 16:03	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		07/14/21 16:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

QC Batch: 634122

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549184001

METHOD BLANK: 3330547

Matrix: Water

Associated Lab Samples: 92549184001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/17/21 16:30	N2
4-Bromofluorobenzene (FID) (S)	%	98	70-130		07/17/21 16:30	
4-Bromofluorobenzene (PID) (S)	%	90	70-130		07/17/21 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 3330548

3330549

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	305	317	102	106	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	93.5	96.0	93	96	70-130	3	25	N2
4-Bromofluorobenzene (FID) (S)	%				98	96	70-130			
4-Bromofluorobenzene (PID) (S)	%				87	86	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549184

QC Batch: 633866	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92549184001

METHOD BLANK: 3329186 Matrix: Water
Associated Lab Samples: 92549184001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/19/21 19:25	

LABORATORY CONTROL SAMPLE: 3329187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	512	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3329188 3329189

Parameter	Units	92548049001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	471	469	94	93	75-125	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549184

QC Batch: 633286	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92549184001

METHOD BLANK: 3326300 Matrix: Water
Associated Lab Samples: 92549184001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/14/21 12:45	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/14/21 12:45	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/14/21 12:45	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/14/21 12:45	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/14/21 12:45	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/14/21 12:45	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/14/21 12:45	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/14/21 12:45	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/14/21 12:45	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/14/21 12:45	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/14/21 12:45	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/14/21 12:45	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/14/21 12:45	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/14/21 12:45	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/14/21 12:45	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Benzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromobenzene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Bromochloromethane	ug/L	ND	0.50	0.47	07/14/21 12:45	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/14/21 12:45	
Bromoform	ug/L	ND	0.50	0.34	07/14/21 12:45	
Bromomethane	ug/L	ND	5.0	1.7	07/14/21 12:45	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/14/21 12:45	
Chlorobenzene	ug/L	ND	0.50	0.28	07/14/21 12:45	
Chloroethane	ug/L	ND	1.0	0.65	07/14/21 12:45	
Chloroform	ug/L	ND	0.50	0.35	07/14/21 12:45	
Chloromethane	ug/L	ND	1.0	0.54	07/14/21 12:45	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/14/21 12:45	
Dibromomethane	ug/L	ND	0.50	0.39	07/14/21 12:45	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/14/21 12:45	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/14/21 12:45	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92549184

METHOD BLANK: 3326300

Matrix: Water

Associated Lab Samples: 92549184001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/14/21 12:45	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/14/21 12:45	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/14/21 12:45	
m&p-Xylene	ug/L	ND	1.0	0.71	07/14/21 12:45	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/14/21 12:45	
Methylene Chloride	ug/L	ND	2.0	2.0	07/14/21 12:45	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/14/21 12:45	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/14/21 12:45	
Naphthalene	ug/L	ND	2.0	0.64	07/14/21 12:45	
o-Xylene	ug/L	ND	0.50	0.34	07/14/21 12:45	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/14/21 12:45	
Styrene	ug/L	ND	0.50	0.29	07/14/21 12:45	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/14/21 12:45	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/14/21 12:45	
Toluene	ug/L	ND	0.50	0.48	07/14/21 12:45	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/14/21 12:45	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/14/21 12:45	
Trichloroethene	ug/L	ND	0.50	0.38	07/14/21 12:45	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/14/21 12:45	
Vinyl chloride	ug/L	ND	1.0	0.39	07/14/21 12:45	
1,2-Dichloroethane-d4 (S)	%	101	70-130		07/14/21 12:45	
4-Bromofluorobenzene (S)	%	95	70-130		07/14/21 12:45	
Toluene-d8 (S)	%	101	70-130		07/14/21 12:45	

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	60-140	
1,1,1-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.9	100	60-140	
1,1,2-Trichloroethane	ug/L	50	50.7	101	60-140	
1,1-Dichloroethane	ug/L	50	46.5	93	60-140	
1,1-Dichloroethene	ug/L	50	45.4	91	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	54.0	108	60-140	
1,2,3-Trichloropropane	ug/L	50	48.4	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	60-140	
1,2,4-Trimethylbenzene	ug/L	50	47.0	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	58.6	117	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	60-140	
1,2-Dichlorobenzene	ug/L	50	47.8	96	60-140	
1,2-Dichloroethane	ug/L	50	44.5	89	60-140	
1,2-Dichloropropane	ug/L	50	48.4	97	60-140	
1,3,5-Trimethylbenzene	ug/L	50	47.6	95	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

LABORATORY CONTROL SAMPLE: 3326301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.3	101	60-140	
1,3-Dichloropropane	ug/L	50	48.5	97	60-140	
1,4-Dichlorobenzene	ug/L	50	51.6	103	60-140	
2,2-Dichloropropane	ug/L	50	50.6	101	60-140	
2-Chlorotoluene	ug/L	50	47.1	94	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	46.5	93	60-140	
Bromobenzene	ug/L	50	49.9	100	60-140	
Bromochloromethane	ug/L	50	51.2	102	60-140	
Bromodichloromethane	ug/L	50	50.4	101	60-140	
Bromoform	ug/L	50	55.5	111	60-140	
Bromomethane	ug/L	50	49.6	99	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	46.7	93	60-140	
Chloroform	ug/L	50	47.3	95	60-140	
Chloromethane	ug/L	50	42.0	84	60-140	
cis-1,2-Dichloroethene	ug/L	50	46.1	92	60-140	
cis-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Dibromochloromethane	ug/L	50	53.4	107	60-140	
Dibromomethane	ug/L	50	54.0	108	60-140	
Dichlorodifluoromethane	ug/L	50	43.5	87	60-140	
Diisopropyl ether	ug/L	50	42.8	86	60-140	
Ethylbenzene	ug/L	50	45.7	91	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.5	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.9	100	60-140	
m&p-Xylene	ug/L	100	91.5	91	60-140	
Methyl-tert-butyl ether	ug/L	50	49.5	99	60-140	
Methylene Chloride	ug/L	50	45.0	90	60-140	
n-Butylbenzene	ug/L	50	44.5	89	60-140	
n-Propylbenzene	ug/L	50	45.5	91	60-140	
Naphthalene	ug/L	50	52.4	105	60-140	
o-Xylene	ug/L	50	47.9	96	60-140	
sec-Butylbenzene	ug/L	50	46.9	94	60-140	
Styrene	ug/L	50	50.0	100	60-140	
tert-Butylbenzene	ug/L	50	41.3	83	60-140	
Tetrachloroethene	ug/L	50	48.0	96	60-140	
Toluene	ug/L	50	44.6	89	60-140	
trans-1,2-Dichloroethene	ug/L	50	45.7	91	60-140	
trans-1,3-Dichloropropene	ug/L	50	51.3	103	60-140	
Trichloroethene	ug/L	50	50.0	100	60-140	
Trichlorofluoromethane	ug/L	50	42.3	85	60-140	
Vinyl chloride	ug/L	50	44.8	90	60-140	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			94	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.5	21.8	107	109	60-140	2	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.5	20.7	103	104	60-140	1	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	20.2	103	101	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.0	21.1	105	105	60-140	0	30
1,1-Dichloroethane	ug/L	ND	20	20	18.7	19.1	94	95	60-140	2	30
1,1-Dichloroethene	ug/L	ND	20	20	19.4	19.4	97	97	60-140	0	30
1,1-Dichloropropene	ug/L	ND	20	20	19.7	20.2	99	101	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	26.2	23.0	131	115	60-140	13	30
1,2,3-Trichloropropane	ug/L	ND	20	20	19.1	19.6	95	98	60-140	2	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	24.6	22.8	123	114	60-140	8	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	19.5	18.9	97	94	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	25.1	23.5	126	117	60-140	7	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	21.9	22.0	109	110	60-140	0	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.6	19.7	103	98	60-140	5	30
1,2-Dichloroethane	ug/L	ND	20	20	18.2	18.7	91	94	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	19.3	19.7	96	98	60-140	2	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.2	19.8	101	99	60-140	2	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.5	19.6	102	98	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	19.9	20.0	100	100	60-140	0	30
1,4-Dichlorobenzene	ug/L	ND	20	20	21.4	20.3	107	101	60-140	5	30
2,2-Dichloropropane	ug/L	ND	20	20	22.0	22.1	110	111	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	19.5	19.2	98	96	60-140	2	30
4-Chlorotoluene	ug/L	ND	20	20	18.7	18.4	94	92	60-140	2	30
Benzene	ug/L	ND	20	20	19.4	19.7	97	99	60-140	2	30
Bromobenzene	ug/L	ND	20	20	21.0	20.7	105	104	60-140	2	30
Bromochloromethane	ug/L	ND	20	20	21.1	21.4	106	107	60-140	2	30
Bromodichloromethane	ug/L	ND	20	20	21.4	21.2	107	106	60-140	1	30
Bromoform	ug/L	ND	20	20	23.1	23.3	116	117	60-140	1	30
Bromomethane	ug/L	ND	20	20	23.5	23.3	118	116	60-140	1	30
Carbon tetrachloride	ug/L	ND	20	20	22.3	22.8	111	114	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	20.4	20.7	102	103	60-140	1	30
Chloroethane	ug/L	ND	20	20	21.3	21.4	106	107	60-140	1	30
Chloroform	ug/L	ND	20	20	19.6	20.0	98	100	60-140	2	30
Chloromethane	ug/L	ND	20	20	17.7	17.5	89	88	60-140	1	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.9	19.1	94	96	60-140	1	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	21.1	21.1	105	105	60-140	0	30
Dibromochloromethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dibromomethane	ug/L	ND	20	20	22.8	22.9	114	115	60-140	0	30
Dichlorodifluoromethane	ug/L	ND	20	20	18.3	18.3	91	92	60-140	0	30
Diisopropyl ether	ug/L	ND	20	20	17.2	16.9	86	85	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	20.0	20.1	100	101	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	25.3	24.2	127	121	60-140	4	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	20.9	20.8	105	104	60-140	0	30
m&p-Xylene	ug/L	ND	40	40	39.5	40.1	99	100	60-140	2	30

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3326302 3326303											
Parameter	Units	92548940001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
Methyl-tert-butyl ether	ug/L	ND	20	20	20.1	19.7	100	99	60-140	2	30
Methylene Chloride	ug/L	ND	20	20	18.0	17.7	90	89	60-140	2	30
n-Butylbenzene	ug/L	ND	20	20	21.0	19.9	105	99	60-140	5	30
n-Propylbenzene	ug/L	ND	20	20	19.7	19.2	99	96	60-140	3	30
Naphthalene	ug/L	ND	20	20	24.1	21.4	119	106	60-140	12	30
o-Xylene	ug/L	ND	20	20	20.0	20.1	100	100	60-140	1	30
sec-Butylbenzene	ug/L	ND	20	20	20.4	19.7	102	99	60-140	4	30
Styrene	ug/L	ND	20	20	20.1	20.4	101	102	60-140	2	30
tert-Butylbenzene	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30
Tetrachloroethene	ug/L	ND	20	20	21.2	22.0	106	110	60-140	4	30
Toluene	ug/L	ND	20	20	19.5	19.6	98	98	60-140	0	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.3	19.0	97	95	60-140	2	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.8	21.4	109	107	60-140	2	30
Trichloroethene	ug/L	ND	20	20	21.8	22.3	109	111	60-140	2	30
Trichlorofluoromethane	ug/L	ND	20	20	20.7	20.6	103	103	60-140	0	30
Vinyl chloride	ug/L	ND	20	20	18.7	18.7	93	93	60-140	0	30
1,2-Dichloroethane-d4 (S)	%						98	97	70-130		
4-Bromofluorobenzene (S)	%						96	96	70-130		
Toluene-d8 (S)	%						99	98	70-130		

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92549184

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92549184001	13835_AC_RD_20210713	MADEP VPH	634122		
92549184001	13835_AC_RD_20210713	EPA 3010A	633866	EPA 6010D	634014
92549184001	13835_AC_RD_20210713	SM 6200B	633286		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: Apex Companies

Report To: Andrew Street

Container

92549184



Product Manager:

number or

Address: 13835 Ashbury Chapel Rd

State: NC

County/City: Huntersville

Time Zone: Eastern

Lab Profile/Line:

Lab Sample Receipt Checklist:

Lab Sample # / Comments:

Customer Project Name/Number: 2020-11-2448 Incident

Site/Facility ID #:

Compliance Monitoring?

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice:

Field Filtered (if applicable):

Collected By (print): Khoni Futz

Collected By (signature):

Turnaround Date Required:

Rush:

Field Filtered (if applicable):

Analysis:

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Sample Disposal:

Disposition as appropriate:

Hold:

Matrix Codes (Insert in Matrix box below):

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Composite End

Res CI

of Cnts

Wet

Blue

Dry

None

SHORT HOLDS PRESENT (<72 hours):

Y N N/A

Lab Tracking #:

2632657

Lab Sample Temperature Info:

Packing Material Used:

Radchem sample(s) screened (<500 cpm):

Y N NA

Samples received via:

FEDEX UPS

Client

Courier

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time:

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Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

July 27, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92550622

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550622001	DUP-1	Water	07/20/21 00:00	07/20/21 14:00
92550622002	FB-1	Water	07/20/21 00:00	07/20/21 14:00
92550622003	Trip Blank	Water	07/20/21 00:00	07/20/21 14:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550622001	DUP-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92550622002	FB-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92550622003	Trip Blank	SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Sample: DUP-1		Lab ID: 92550622001		Collected: 07/20/21 00:00		Received: 07/20/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/26/21 23:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/26/21 23:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/26/21 23:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/26/21 23:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	93	%	70-130		1		07/26/21 23:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	83	%	70-130		1		07/26/21 23:13	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 21:58	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 21:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 21:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 21:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 21:24	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 21:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 21:24	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 21:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 21:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 21:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 21:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 21:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 21:24	75-00-3	
Chloroform	8.4	ug/L	0.50	0.35	1		07/21/21 21:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 21:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 21:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 21:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 21:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 21:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 21:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 21:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 21:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 21:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 21:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 21:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 21:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 21:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 21:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 21:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 21:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 21:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 21:24	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Sample: DUP-1		Lab ID: 92550622001		Collected: 07/20/21 00:00		Received: 07/20/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 21:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 21:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 21:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 21:24	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 21:24	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 21:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 21:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 21:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 21:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 21:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 21:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 21:24	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 21:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 21:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 21:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 21:24	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 21:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 21:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 21:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 21:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 21:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 21:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 21:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 21:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 21:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 21:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 21:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 21:24	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 21:24	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/21/21 21:24	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/21/21 21:24	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		07/21/21 21:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Sample: FB-1		Lab ID: 92550622002		Collected: 07/20/21 00:00		Received: 07/20/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/26/21 23:41		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/26/21 23:41		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/26/21 23:41		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/26/21 23:41		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		07/26/21 23:41	460-00-4	
4-Bromofluorobenzene (PID) (S)	90	%	70-130		1		07/26/21 23:41	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 22:18	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/23/21 00:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/23/21 00:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/23/21 00:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/23/21 00:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/23/21 00:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/23/21 00:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/23/21 00:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/23/21 00:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/23/21 00:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/23/21 00:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/23/21 00:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/23/21 00:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/23/21 00:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/23/21 00:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 00:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/23/21 00:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/23/21 00:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/23/21 00:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/23/21 00:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/23/21 00:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 00:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/23/21 00:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/23/21 00:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/23/21 00:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/23/21 00:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 00:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/23/21 00:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 00:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/23/21 00:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/23/21 00:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/23/21 00:45	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident
Pace Project No.: 92550622

Sample: FB-1		Lab ID: 92550622002		Collected: 07/20/21 00:00		Received: 07/20/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/23/21 00:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/23/21 00:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 00:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/23/21 00:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/23/21 00:45	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/23/21 00:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/23/21 00:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/23/21 00:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/23/21 00:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/23/21 00:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/23/21 00:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/23/21 00:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/23/21 00:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/23/21 00:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/23/21 00:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/23/21 00:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/23/21 00:45	108-88-3	C0
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/23/21 00:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/23/21 00:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/23/21 00:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/23/21 00:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/23/21 00:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/23/21 00:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/23/21 00:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/23/21 00:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/23/21 00:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/23/21 00:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/23/21 00:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/23/21 00:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/23/21 00:45	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		07/23/21 00:45	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/23/21 00:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Sample: Trip Blank		Lab ID: 92550622003		Collected: 07/20/21 00:00		Received: 07/20/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 14:14	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 14:14	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 14:14	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 14:14	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 14:14	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 14:14	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 14:14	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 14:14	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 14:14	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 14:14	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 14:14	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 14:14	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/21/21 14:14	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 14:14	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 14:14	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 14:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 14:14	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 14:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 14:14	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 14:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 14:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 14:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 14:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 14:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 14:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 14:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 14:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 14:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 14:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 14:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 14:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 14:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 14:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 14:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 14:14	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 14:14	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 14:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 14:14	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 14:14	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 14:14	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 14:14	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 14:14	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 14:14	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 14:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 14:14	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Sample: Trip Blank		Lab ID: 92550622003		Collected: 07/20/21 00:00		Received: 07/20/21 14:00		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 14:14	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 14:14	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 14:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 14:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 14:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 14:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 14:14	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 14:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 14:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 14:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 14:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 14:14	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 14:14	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 14:14	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 14:14	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/21/21 14:14	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/21/21 14:14	460-00-4	
Toluene-d8 (S)	98	%	70-130		1		07/21/21 14:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

QC Batch: 635968

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550622001, 92550622002

METHOD BLANK: 3339379

Matrix: Water

Associated Lab Samples: 92550622001, 92550622002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		07/26/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	85	70-130		07/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3339380

3339381

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	263	103	88	70-130	16	25	N2
Aromatic (C09-C10)	ug/L	100	99.4	94.8	99	95	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				92	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				80	80	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

QC Batch: 635493

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92550622001, 92550622002

METHOD BLANK: 3336920

Matrix: Water

Associated Lab Samples: 92550622001, 92550622002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/25/21 21:52	

LABORATORY CONTROL SAMPLE: 3336921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	473	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336922 3336923

Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	496	468	99	93	75-125	6	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

QC Batch: 634820

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550622001, 92550622003

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550622001, 92550622003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/21/21 13:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/21/21 13:20	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/21/21 13:20	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/21/21 13:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/21/21 13:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/21/21 13:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/21/21 13:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/21/21 13:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/21/21 13:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/21/21 13:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/21/21 13:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/21/21 13:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/21/21 13:20	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Benzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromobenzene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Bromochloromethane	ug/L	ND	0.50	0.47	07/21/21 13:20	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
Bromoform	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromomethane	ug/L	ND	5.0	1.7	07/21/21 13:20	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/21/21 13:20	
Chlorobenzene	ug/L	ND	0.50	0.28	07/21/21 13:20	
Chloroethane	ug/L	ND	1.0	0.65	07/21/21 13:20	
Chloroform	ug/L	ND	0.50	0.35	07/21/21 13:20	
Chloromethane	ug/L	ND	1.0	0.54	07/21/21 13:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromomethane	ug/L	ND	0.50	0.39	07/21/21 13:20	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/21/21 13:20	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/21/21 13:20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550622001, 92550622003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/21/21 13:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/21/21 13:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/21/21 13:20	
m&p-Xylene	ug/L	ND	1.0	0.71	07/21/21 13:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/21/21 13:20	
Methylene Chloride	ug/L	ND	2.0	2.0	07/21/21 13:20	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/21/21 13:20	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Naphthalene	ug/L	ND	2.0	0.64	07/21/21 13:20	
o-Xylene	ug/L	ND	0.50	0.34	07/21/21 13:20	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/21/21 13:20	
Styrene	ug/L	ND	0.50	0.29	07/21/21 13:20	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Toluene	ug/L	ND	0.50	0.48	07/21/21 13:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/21/21 13:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Trichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/21/21 13:20	
Vinyl chloride	ug/L	ND	1.0	0.39	07/21/21 13:20	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/21/21 13:20	
4-Bromofluorobenzene (S)	%	101	70-130		07/21/21 13:20	
Toluene-d8 (S)	%	100	70-130		07/21/21 13:20	

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.4	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	50.7	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.0	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.0	104	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	55.6	111	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	48.2	96	60-140	
Bromobenzene	ug/L	50	51.1	102	60-140	
Bromochloromethane	ug/L	50	51.8	104	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	50.1	100	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	50.9	102	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.5	101	60-140	
Diisopropyl ether	ug/L	50	48.6	97	60-140	
Ethylbenzene	ug/L	50	48.9	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	60-140	
m&p-Xylene	ug/L	100	97.0	97	60-140	
Methyl-tert-butyl ether	ug/L	50	50.1	100	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	53.3	107	60-140	
n-Propylbenzene	ug/L	50	52.0	104	60-140	
Naphthalene	ug/L	50	53.9	108	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	48.4	97	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	49.1	98	60-140	
Trichlorofluoromethane	ug/L	50	45.5	91	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611											
Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	24.1	115	120	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	23.7	125	119	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	23.0	112	115	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30
1,1-Dichloroethane	ug/L	ND	20	20	23.9	24.0	119	120	60-140	0	30
1,1-Dichloroethene	ug/L	ND	20	20	25.2	24.9	126	124	60-140	1	30
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.2	124	121	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	23.3	110	117	60-140	6	30
1,2,3-Trichloropropane	ug/L	ND	20	20	21.0	21.9	105	110	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	23.6	114	118	60-140	4	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.2	111	114	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.6	22.7	113	114	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	23.1	114	116	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.9	111	115	60-140	4	30
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.9	114	114	60-140	0	30
2,2-Dichloropropane	ug/L	ND	20	20	26.6	26.8	133	134	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	22.5	22.5	112	112	60-140	0	30
4-Chlorotoluene	ug/L	ND	20	20	22.1	22.6	110	113	60-140	2	30
Benzene	ug/L	ND	20	20	24.0	23.3	120	117	60-140	3	30
Bromobenzene	ug/L	ND	20	20	22.8	22.7	114	113	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	24.4	24.6	122	123	60-140	1	30
Bromodichloromethane	ug/L	ND	20	20	23.4	22.9	117	115	60-140	2	30
Bromoform	ug/L	ND	20	20	23.5	24.3	118	121	60-140	3	30
Bromomethane	ug/L	ND	20	20	25.4	26.2	127	131	60-140	3	30
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.3	123	122	60-140	1	30
Chlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	60-140	3	30
Chloroethane	ug/L	ND	20	20	25.9	25.8	130	129	60-140	0	30
Chloroform	ug/L	8.4	20	20	30.9	30.6	113	111	60-140	1	30
Chloromethane	ug/L	ND	20	20	23.1	23.1	115	116	60-140	0	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.0	117	115	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.0	23.4	120	117	60-140	2	30
Dibromochloromethane	ug/L	ND	20	20	23.7	25.3	118	126	60-140	6	30
Dibromomethane	ug/L	ND	20	20	24.2	23.3	121	117	60-140	4	30
Dichlorodifluoromethane	ug/L	ND	20	20	25.0	24.3	125	122	60-140	2	30
Diisopropyl ether	ug/L	ND	20	20	22.0	21.9	110	109	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	22.1	23.2	110	116	60-140	5	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	25.5	132	128	60-140	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	24.0	112	120	60-140	6	30
m&p-Xylene	ug/L	ND	40	40	44.4	46.2	111	115	60-140	4	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611												
		92550622001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	23.3	116	117	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.4	114	117	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.6	22.6	113	113	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.9	21.8	102	107	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.8	23.3	109	116	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	22.9	23.4	115	117	60-140	2	30	
Styrene	ug/L	ND	20	20	22.5	23.6	112	118	60-140	5	30	
tert-Butylbenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.3	23.0	107	115	60-140	7	30	
Toluene	ug/L	ND	20	20	22.4	22.0	112	110	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.1	25.0	125	125	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.9	118	115	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.6	23.3	118	116	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.3	23.7	122	119	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.0	25.2	125	126	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	103	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550622

QC Batch: 635335	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550622002

METHOD BLANK: 3336389 Matrix: Water
Associated Lab Samples: 92550622002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/23/21 00:27	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/23/21 00:27	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/23/21 00:27	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/23/21 00:27	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/23/21 00:27	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/23/21 00:27	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/23/21 00:27	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/23/21 00:27	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/23/21 00:27	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/23/21 00:27	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/23/21 00:27	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/23/21 00:27	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/23/21 00:27	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/23/21 00:27	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/23/21 00:27	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/23/21 00:27	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/23/21 00:27	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/23/21 00:27	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/23/21 00:27	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/23/21 00:27	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/23/21 00:27	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/23/21 00:27	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/23/21 00:27	
Benzene	ug/L	ND	0.50	0.34	07/23/21 00:27	
Bromobenzene	ug/L	ND	0.50	0.29	07/23/21 00:27	
Bromochloromethane	ug/L	ND	0.50	0.47	07/23/21 00:27	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/23/21 00:27	
Bromoform	ug/L	ND	0.50	0.34	07/23/21 00:27	
Bromomethane	ug/L	ND	5.0	1.7	07/23/21 00:27	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/23/21 00:27	
Chlorobenzene	ug/L	ND	0.50	0.28	07/23/21 00:27	
Chloroethane	ug/L	ND	1.0	0.65	07/23/21 00:27	
Chloroform	ug/L	ND	0.50	0.35	07/23/21 00:27	
Chloromethane	ug/L	ND	1.0	0.54	07/23/21 00:27	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/23/21 00:27	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/23/21 00:27	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/23/21 00:27	
Dibromomethane	ug/L	ND	0.50	0.39	07/23/21 00:27	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/23/21 00:27	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/23/21 00:27	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550622

METHOD BLANK: 3336389

Matrix: Water

Associated Lab Samples: 92550622002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/23/21 00:27	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/23/21 00:27	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/23/21 00:27	
m&p-Xylene	ug/L	ND	1.0	0.71	07/23/21 00:27	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/23/21 00:27	
Methylene Chloride	ug/L	ND	2.0	2.0	07/23/21 00:27	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/23/21 00:27	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/23/21 00:27	
Naphthalene	ug/L	ND	2.0	0.64	07/23/21 00:27	
o-Xylene	ug/L	ND	0.50	0.34	07/23/21 00:27	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/23/21 00:27	
Styrene	ug/L	ND	0.50	0.29	07/23/21 00:27	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/23/21 00:27	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/23/21 00:27	
Toluene	ug/L	ND	0.50	0.48	07/23/21 00:27	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/23/21 00:27	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/23/21 00:27	
Trichloroethene	ug/L	ND	0.50	0.38	07/23/21 00:27	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/23/21 00:27	
Vinyl chloride	ug/L	ND	1.0	0.39	07/23/21 00:27	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/23/21 00:27	
4-Bromofluorobenzene (S)	%	101	70-130		07/23/21 00:27	
Toluene-d8 (S)	%	100	70-130		07/23/21 00:27	

LABORATORY CONTROL SAMPLE: 3336390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.0	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.5	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	49.3	99	60-140	
1,1,2-Trichloroethane	ug/L	50	49.8	100	60-140	
1,1-Dichloroethane	ug/L	50	48.7	97	60-140	
1,1-Dichloroethene	ug/L	50	60.9	122	60-140	
1,1-Dichloropropene	ug/L	50	50.3	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.4	107	60-140	
1,2,3-Trichloropropane	ug/L	50	48.3	97	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.7	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	49.3	99	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	53.4	107	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	51.8	104	60-140	
1,2-Dichlorobenzene	ug/L	50	48.3	97	60-140	
1,2-Dichloroethane	ug/L	50	48.3	97	60-140	
1,2-Dichloropropane	ug/L	50	49.9	100	60-140	
1,3,5-Trimethylbenzene	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

LABORATORY CONTROL SAMPLE: 3336390

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.5	99	60-140	
1,3-Dichloropropane	ug/L	50	50.2	100	60-140	
1,4-Dichlorobenzene	ug/L	50	48.2	96	60-140	
2,2-Dichloropropane	ug/L	50	49.7	99	60-140	
2-Chlorotoluene	ug/L	50	48.5	97	60-140	
4-Chlorotoluene	ug/L	50	47.1	94	60-140	
Benzene	ug/L	50	49.1	98	60-140	
Bromobenzene	ug/L	50	49.6	99	60-140	
Bromochloromethane	ug/L	50	52.9	106	60-140	
Bromodichloromethane	ug/L	50	49.2	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	56.8	114	60-140	
Carbon tetrachloride	ug/L	50	50.1	100	60-140	
Chlorobenzene	ug/L	50	48.5	97	60-140	
Chloroethane	ug/L	50	58.9	118	60-140	
Chloroform	ug/L	50	46.4	93	60-140	
Chloromethane	ug/L	50	50.0	100	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.7	103	60-140	
Dibromochloromethane	ug/L	50	54.3	109	60-140	
Dibromomethane	ug/L	50	51.1	102	60-140	
Dichlorodifluoromethane	ug/L	50	56.1	112	60-140	
Diisopropyl ether	ug/L	50	49.8	100	60-140	
Ethylbenzene	ug/L	50	48.7	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.1	100	60-140	
Isopropylbenzene (Cumene)	ug/L	50	49.6	99	60-140	
m&p-Xylene	ug/L	100	96.4	96	60-140	
Methyl-tert-butyl ether	ug/L	50	60.5	121	60-140	
Methylene Chloride	ug/L	50	60.6	121	60-140	
n-Butylbenzene	ug/L	50	48.9	98	60-140	
n-Propylbenzene	ug/L	50	48.2	96	60-140	
Naphthalene	ug/L	50	53.0	106	60-140	
o-Xylene	ug/L	50	48.5	97	60-140	
sec-Butylbenzene	ug/L	50	49.2	98	60-140	
Styrene	ug/L	50	51.7	103	60-140	
tert-Butylbenzene	ug/L	50	40.5	81	60-140	
Tetrachloroethene	ug/L	50	47.2	94	60-140	
Toluene	ug/L	50	46.9	94	60-140	
trans-1,2-Dichloroethene	ug/L	50	60.9	122	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Trichloroethene	ug/L	50	48.1	96	60-140	
Trichlorofluoromethane	ug/L	50	55.6	111	60-140	
Vinyl chloride	ug/L	50	50.6	101	60-140	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336391 3336392											
Parameter	Units	92550646003		MS	MSD	MS	MSD	MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike						
				Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD
1,1,1,2-Tetrachloroethane	ug/L	ND	100	100	100	124	111	124	111	60-140	12
1,1,1-Trichloroethane	ug/L	ND	100	100	100	124	106	124	106	60-140	16
1,1,2,2-Tetrachloroethane	ug/L	ND	100	100	100	115	103	115	103	60-140	11
1,1,2-Trichloroethane	ug/L	ND	100	100	100	116	101	116	101	60-140	13
1,1-Dichloroethane	ug/L	ND	100	100	100	119	102	119	102	60-140	16
1,1-Dichloroethene	ug/L	ND	100	100	100	158	108	158	108	60-140	38
1,1-Dichloropropene	ug/L	ND	100	100	100	125	110	125	110	60-140	13
1,2,3-Trichlorobenzene	ug/L	ND	100	100	100	106	104	106	104	60-140	2
1,2,3-Trichloropropane	ug/L	ND	100	100	100	112	100	112	100	60-140	11
1,2,4-Trichlorobenzene	ug/L	ND	100	100	100	104	105	104	105	60-140	1
1,2,4-Trimethylbenzene	ug/L	345	100	100	100	457	469	112	124	60-140	3
1,2-Dibromo-3-chloropropane	ug/L	ND	100	100	100	117	103	117	103	60-140	13
1,2-Dibromoethane (EDB)	ug/L	ND	100	100	100	120	105	118	103	60-140	13
1,2-Dichlorobenzene	ug/L	ND	100	100	100	111	105	111	105	60-140	5
1,2-Dichloroethane	ug/L	27.7	100	100	100	145	127	118	99	60-140	14
1,2-Dichloropropane	ug/L	ND	100	100	100	123	108	123	108	60-140	13
1,3,5-Trimethylbenzene	ug/L	ND	100	100	100	180	175	180	175	60-140	3
1,3-Dichlorobenzene	ug/L	ND	100	100	100	112	103	112	103	60-140	9
1,3-Dichloropropane	ug/L	ND	100	100	100	117	101	117	101	60-140	14
1,4-Dichlorobenzene	ug/L	ND	100	100	100	112	104	112	104	60-140	7
2,2-Dichloropropane	ug/L	ND	100	100	100	112	94.8	112	95	60-140	17
2-Chlorotoluene	ug/L	ND	100	100	100	124	105	124	105	60-140	17
4-Chlorotoluene	ug/L	ND	100	100	100	111	101	111	101	60-140	10
Benzene	ug/L	769	100	100	100	892	899	124	131	60-140	1
Bromobenzene	ug/L	ND	100	100	100	118	104	118	104	60-140	13
Bromochloromethane	ug/L	ND	100	100	100	125	111	125	111	60-140	11
Bromodichloromethane	ug/L	ND	100	100	100	118	101	118	101	60-140	15
Bromoform	ug/L	ND	100	100	100	117	107	117	107	60-140	9
Bromomethane	ug/L	ND	100	100	100	145	125	145	125	60-140	15
Carbon tetrachloride	ug/L	ND	100	100	100	123	106	123	106	60-140	15
Chlorobenzene	ug/L	ND	100	100	100	115	102	115	102	60-140	12
Chloroethane	ug/L	ND	100	100	100	154	142	154	142	60-140	8
Chloroform	ug/L	ND	100	100	100	114	99.5	114	99	60-140	14
Chloromethane	ug/L	ND	100	100	100	107	96.6	105	95	60-140	10
cis-1,2-Dichloroethene	ug/L	ND	100	100	100	119	102	119	102	60-140	15
cis-1,3-Dichloropropene	ug/L	ND	100	100	100	116	100	116	100	60-140	15
Dibromochloromethane	ug/L	ND	100	100	100	121	105	121	105	60-140	13
Dibromomethane	ug/L	ND	100	100	100	119	103	119	103	60-140	14
Dichlorodifluoromethane	ug/L	ND	100	100	100	127	109	127	109	60-140	16
Diisopropyl ether	ug/L	8.9	100	100	100	128	110	120	101	60-140	15
Ethylbenzene	ug/L	201	100	100	100	325	315	125	114	60-140	3
Hexachloro-1,3-butadiene	ug/L	ND	100	100	100	111	101	108	97	60-140	10
Isopropylbenzene (Cumene)	ug/L	15.7	100	100	100	134	124	118	109	60-140	8
m&p-Xylene	ug/L	620	200	200	200	871	864	125	122	60-140	1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336391 3336392												
		92550646003	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	100	100	116	101	116	101	60-140	14	30	
Methylene Chloride	ug/L	ND	100	100	120	100	120	100	60-140	18	30	
n-Butylbenzene	ug/L	ND	100	100	118	113	118	113	60-140	4	30	
n-Propylbenzene	ug/L	ND	100	100	157	149	157	149	60-140	5	30	M1
Naphthalene	ug/L	38.8	100	100	150	150	112	111	60-140	0	30	
o-Xylene	ug/L	216	100	100	342	340	125	123	60-140	1	30	
sec-Butylbenzene	ug/L	ND	100	100	113	108	113	108	60-140	5	30	
Styrene	ug/L	ND	100	100	122	108	122	108	60-140	12	30	
tert-Butylbenzene	ug/L	ND	100	100	95.9	88.7	96	89	60-140	8	30	
Tetrachloroethene	ug/L	ND	100	100	112	101	112	101	60-140	10	30	
Toluene	ug/L	790	100	100	902	914	113	124	60-140	1	30	
trans-1,2-Dichloroethene	ug/L	ND	100	100	124	109	124	109	60-140	13	30	
trans-1,3-Dichloropropene	ug/L	ND	100	100	116	101	116	101	60-140	13	30	
Trichloroethene	ug/L	ND	100	100	117	102	117	102	60-140	13	30	
Trichlorofluoromethane	ug/L	ND	100	100	143	122	143	122	60-140	15	30	M1
Vinyl chloride	ug/L	ND	100	100	128	108	128	108	60-140	17	30	
1,2-Dichloroethane-d4 (S)	%						97	99	70-130			
4-Bromofluorobenzene (S)	%						101	100	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92550622

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C0 Result confirmed by second analysis.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92550622

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550622001	DUP-1	MADEP VPH	635968		
92550622002	FB-1	MADEP VPH	635968		
92550622001	DUP-1	EPA 3010A	635493	EPA 6010D	635697
92550622002	FB-1	EPA 3010A	635493	EPA 6010D	635697
92550622001	DUP-1	SM 6200B	634820		
92550622002	FB-1	SM 6200B	635335		
92550622003	Trip Blank	SM 6200B	634820		

REPORT OF LABORATORY ANALYSIS

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July 27, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92550625

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550625001	13800_HC_RD_20210720	Water	07/20/21 07:50	07/20/21 14:00

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550625001	13800_HC_RD_20210720	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

Sample: 13800_HC_RD_20210720 Lab ID: 92550625001 Collected: 07/20/21 07:50 Received: 07/20/21 14:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/27/21 00:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/27/21 00:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/27/21 00:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/27/21 00:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130		1		07/27/21 00:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		07/27/21 00:10	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 22:21	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 14:50	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 14:50	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 14:50	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 14:50	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 14:50	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 14:50	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 14:50	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 14:50	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 14:50	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 14:50	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 14:50	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 14:50	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/21/21 14:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 14:50	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 14:50	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 14:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 14:50	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 14:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 14:50	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 14:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 14:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 14:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 14:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 14:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 14:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 14:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 14:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 14:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 14:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 14:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 14:50	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

Sample: 13800_HC_RD_20210720 Lab ID: 92550625001 Collected: 07/20/21 07:50 Received: 07/20/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 14:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 14:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 14:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 14:50	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 14:50	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 14:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 14:50	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 14:50	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 14:50	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 14:50	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 14:50	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 14:50	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 14:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 14:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 14:50	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 14:50	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 14:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 14:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 14:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 14:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 14:50	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 14:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 14:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 14:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 14:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 14:50	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 14:50	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 14:50	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 14:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		07/21/21 14:50	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		07/21/21 14:50	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/21/21 14:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

QC Batch: 635968

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550625001

METHOD BLANK: 3339379

Matrix: Water

Associated Lab Samples: 92550625001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		07/26/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	85	70-130		07/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3339380

3339381

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	263	103	88	70-130	16	25	N2
Aromatic (C09-C10)	ug/L	100	99.4	94.8	99	95	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				92	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				80	80	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

QC Batch: 635493

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92550625001

METHOD BLANK: 3336920

Matrix: Water

Associated Lab Samples: 92550625001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/25/21 21:52	

LABORATORY CONTROL SAMPLE: 3336921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	473	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336922 3336923

Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	496	468	99	93	75-125	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550625

QC Batch: 634820	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550625001

METHOD BLANK: 3333608 Matrix: Water
Associated Lab Samples: 92550625001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/21/21 13:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/21/21 13:20	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/21/21 13:20	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/21/21 13:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/21/21 13:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/21/21 13:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/21/21 13:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/21/21 13:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/21/21 13:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/21/21 13:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/21/21 13:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/21/21 13:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/21/21 13:20	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Benzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromobenzene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Bromochloromethane	ug/L	ND	0.50	0.47	07/21/21 13:20	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
Bromoform	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromomethane	ug/L	ND	5.0	1.7	07/21/21 13:20	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/21/21 13:20	
Chlorobenzene	ug/L	ND	0.50	0.28	07/21/21 13:20	
Chloroethane	ug/L	ND	1.0	0.65	07/21/21 13:20	
Chloroform	ug/L	ND	0.50	0.35	07/21/21 13:20	
Chloromethane	ug/L	ND	1.0	0.54	07/21/21 13:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromomethane	ug/L	ND	0.50	0.39	07/21/21 13:20	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/21/21 13:20	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/21/21 13:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550625

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550625001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/21/21 13:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/21/21 13:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/21/21 13:20	
m&p-Xylene	ug/L	ND	1.0	0.71	07/21/21 13:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/21/21 13:20	
Methylene Chloride	ug/L	ND	2.0	2.0	07/21/21 13:20	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/21/21 13:20	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Naphthalene	ug/L	ND	2.0	0.64	07/21/21 13:20	
o-Xylene	ug/L	ND	0.50	0.34	07/21/21 13:20	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/21/21 13:20	
Styrene	ug/L	ND	0.50	0.29	07/21/21 13:20	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Toluene	ug/L	ND	0.50	0.48	07/21/21 13:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/21/21 13:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Trichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/21/21 13:20	
Vinyl chloride	ug/L	ND	1.0	0.39	07/21/21 13:20	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/21/21 13:20	
4-Bromofluorobenzene (S)	%	101	70-130		07/21/21 13:20	
Toluene-d8 (S)	%	100	70-130		07/21/21 13:20	

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.4	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	50.7	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.0	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.0	104	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	55.6	111	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	48.2	96	60-140	
Bromobenzene	ug/L	50	51.1	102	60-140	
Bromochloromethane	ug/L	50	51.8	104	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	50.1	100	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	50.9	102	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.5	101	60-140	
Diisopropyl ether	ug/L	50	48.6	97	60-140	
Ethylbenzene	ug/L	50	48.9	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	60-140	
m&p-Xylene	ug/L	100	97.0	97	60-140	
Methyl-tert-butyl ether	ug/L	50	50.1	100	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	53.3	107	60-140	
n-Propylbenzene	ug/L	50	52.0	104	60-140	
Naphthalene	ug/L	50	53.9	108	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	48.4	97	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	49.1	98	60-140	
Trichlorofluoromethane	ug/L	50	45.5	91	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550625

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611											
Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	24.1	115	120	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	23.7	125	119	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	23.0	112	115	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30
1,1-Dichloroethane	ug/L	ND	20	20	23.9	24.0	119	120	60-140	0	30
1,1-Dichloroethene	ug/L	ND	20	20	25.2	24.9	126	124	60-140	1	30
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.2	124	121	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	23.3	110	117	60-140	6	30
1,2,3-Trichloropropane	ug/L	ND	20	20	21.0	21.9	105	110	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	23.6	114	118	60-140	4	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.2	111	114	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.6	22.7	113	114	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	23.1	114	116	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.9	111	115	60-140	4	30
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.9	114	114	60-140	0	30
2,2-Dichloropropane	ug/L	ND	20	20	26.6	26.8	133	134	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	22.5	22.5	112	112	60-140	0	30
4-Chlorotoluene	ug/L	ND	20	20	22.1	22.6	110	113	60-140	2	30
Benzene	ug/L	ND	20	20	24.0	23.3	120	117	60-140	3	30
Bromobenzene	ug/L	ND	20	20	22.8	22.7	114	113	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	24.4	24.6	122	123	60-140	1	30
Bromodichloromethane	ug/L	ND	20	20	23.4	22.9	117	115	60-140	2	30
Bromoform	ug/L	ND	20	20	23.5	24.3	118	121	60-140	3	30
Bromomethane	ug/L	ND	20	20	25.4	26.2	127	131	60-140	3	30
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.3	123	122	60-140	1	30
Chlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	60-140	3	30
Chloroethane	ug/L	ND	20	20	25.9	25.8	130	129	60-140	0	30
Chloroform	ug/L	8.4	20	20	30.9	30.6	113	111	60-140	1	30
Chloromethane	ug/L	ND	20	20	23.1	23.1	115	116	60-140	0	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.0	117	115	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.0	23.4	120	117	60-140	2	30
Dibromochloromethane	ug/L	ND	20	20	23.7	25.3	118	126	60-140	6	30
Dibromomethane	ug/L	ND	20	20	24.2	23.3	121	117	60-140	4	30
Dichlorodifluoromethane	ug/L	ND	20	20	25.0	24.3	125	122	60-140	2	30
Diisopropyl ether	ug/L	ND	20	20	22.0	21.9	110	109	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	22.1	23.2	110	116	60-140	5	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	25.5	132	128	60-140	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	24.0	112	120	60-140	6	30
m&p-Xylene	ug/L	ND	40	40	44.4	46.2	111	115	60-140	4	30

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610				3333611								
		92550622001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	23.3	116	117	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.4	114	117	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.6	22.6	113	113	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.9	21.8	102	107	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.8	23.3	109	116	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	22.9	23.4	115	117	60-140	2	30	
Styrene	ug/L	ND	20	20	22.5	23.6	112	118	60-140	5	30	
tert-Butylbenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.3	23.0	107	115	60-140	7	30	
Toluene	ug/L	ND	20	20	22.4	22.0	112	110	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.1	25.0	125	125	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.9	118	115	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.6	23.3	118	116	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.3	23.7	122	119	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.0	25.2	125	126	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	103	70-130			
Toluene-d8 (S)	%						99	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92550625

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550625001	13800_HC_RD_20210720	MADEP VPH	635968		
92550625001	13800_HC_RD_20210720	EPA 3010A	635493	EPA 6010D	635697
92550625001	13800_HC_RD_20210720	SM 6200B	634820		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: Apex Companies		Billing Information:				
Address:		Email To: Andrew Street				
Report To: Andrew Street		Site Collection Info/Address: 13800 Huntersville, Concord Rd				
Copy To:		State: NC County/City: Huntersville				
Customer Project Name/Number: 2020-LI-2448 Incident		Time Zone Collected: [] PT [] MT [] CT [] ET				
Phone: 704-244-8100		Compliance Monitoring? [] Yes [] No				
Email: Naomi.Fritz@Apex.com		DW PWS ID #: ASAP				
Collected By (print): Naomi Fritz		DW Location Code: ASAP				
Collected By (signature): <i>Naomi Fritz</i>		Immediately Packed on Ice: [] Yes [] No				
Sample Disposal: [] Same Day [] Next Day [] 3 Day [] 4 Day [] 5 Day [] Archive: [] Hold:		Field Filtered (if applicable): [] Yes [] No				
Analysis: Lead		Analysis: Lead				
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), WP, Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)		Analysis: Lead				
Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date Time	Composite End Date Time	Res Cl	# of Ctns
13800-HC-RD-20210720	DW	G	7-20-21 0750			8
Customer Remarks / Special Conditions / Possible Hazards:						
Type of Ice Used: (Wet) Blue Dry None						
Packing Material Used: Bubble bags						
Radchem sample(s) screened (<500 cpm): Y N NA						
Relinquished by/Company: (Signature) <i>Naomi Fritz / Apex</i>		Date/Time: 7-20-21 1406		Received by/Company: (Signature) VS PAGE HVL		
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		
Relinquished by/Company: (Signature)		Date/Time:		Received by/Company: (Signature)		

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder # or MTJL Log-in Number

AI WO#: 92550625



Container Pres: **92550625**
Preservative Types: (1) nitric (6) methanol, (7) sodium bisulfate (C) ammonium hydroxide, (D) TSP, (E) reserved, (O) Other

Analyses	Lab Profile/Line:
VOCs 6200B	☒ Custody Seals Present/Intact ☒ Custody Signatures Present ☒ Collector Signatures Present ☒ Bottles Intact ☒ Correct Bottles ☒ Sufficient Volume ☒ Samples Received on Ice ☒ VOA - Headspace Acceptable ☒ USDA Regulated Soils ☒ Samples in Holding Time ☒ Residual Chlorine Present ☒ Cl Strips: ☒ Sample pH Acceptable ☒ pH Strips: ☒ Sulfide Present ☒ Lead Acetate Strips: ☒
Lead	☒ Custody Seals Present/Intact ☒ Custody Signatures Present ☒ Collector Signatures Present ☒ Bottles Intact ☒ Correct Bottles ☒ Sufficient Volume ☒ Samples Received on Ice ☒ VOA - Headspace Acceptable ☒ USDA Regulated Soils ☒ Samples in Holding Time ☒ Residual Chlorine Present ☒ Cl Strips: ☒ Sample pH Acceptable ☒ pH Strips: ☒ Sulfide Present ☒ Lead Acetate Strips: ☒

LAB USE ONLY: Lab Sample # / Comments: **92550625**

Lab Sample Temperature Info: Temp Blank Received: Y N NA Therm ID#: **92550625** Cooler 1 Temp Upon Receipt: **21.3** °C Cooler 1 Therm Corr. Factor: **0.1** °C Cooler 1 Corrected Temp: **21.2** °C Comments:

Trip Blank Received: Y N NA HCL MeOH TSP Other Non Conformance(s): YES / NO Page: of:

July 27, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92550626

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550626001	14401_HC_RD_20210720	Water	07/20/21 08:55	07/20/21 14:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550626001	14401_HC_RD_20210720	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

Sample: 14401_HC_RD_20210720 Lab ID: 92550626001 Collected: 07/20/21 08:55 Received: 07/20/21 14:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/27/21 00:38		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/27/21 00:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/27/21 00:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/27/21 00:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1		07/27/21 00:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		07/27/21 00:38	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 22:24	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 15:08	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 15:08	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 15:08	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 15:08	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 15:08	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 15:08	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 15:08	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 15:08	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 15:08	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 15:08	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 15:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 15:08	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/21/21 15:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 15:08	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 15:08	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 15:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 15:08	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 15:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 15:08	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 15:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 15:08	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 15:08	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 15:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 15:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 15:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 15:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 15:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 15:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 15:08	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

Sample: 14401_HC_RD_20210720 Lab ID: 92550626001 Collected: 07/20/21 08:55 Received: 07/20/21 14:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 15:08	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 15:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 15:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 15:08	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 15:08	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 15:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 15:08	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 15:08	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 15:08	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 15:08	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 15:08	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:08	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 15:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 15:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 15:08	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 15:08	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 15:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 15:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 15:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 15:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 15:08	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 15:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 15:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 15:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 15:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 15:08	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 15:08	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 15:08	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 15:08	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/21/21 15:08	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		07/21/21 15:08	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/21/21 15:08	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

QC Batch: 635968

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550626001

METHOD BLANK: 3339379

Matrix: Water

Associated Lab Samples: 92550626001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		07/26/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	85	70-130		07/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3339380

3339381

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	263	103	88	70-130	16	25	N2
Aromatic (C09-C10)	ug/L	100	99.4	94.8	99	95	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				92	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				80	80	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550626

QC Batch: 635493	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92550626001

METHOD BLANK: 3336920 Matrix: Water
Associated Lab Samples: 92550626001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/25/21 21:52	

LABORATORY CONTROL SAMPLE: 3336921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	473	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336922 3336923

Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	496	468	99	93	75-125	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550626

QC Batch: 634820	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550626001

METHOD BLANK: 3333608 Matrix: Water
Associated Lab Samples: 92550626001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/21/21 13:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/21/21 13:20	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/21/21 13:20	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/21/21 13:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/21/21 13:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/21/21 13:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/21/21 13:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/21/21 13:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/21/21 13:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/21/21 13:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/21/21 13:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/21/21 13:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/21/21 13:20	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Benzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromobenzene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Bromochloromethane	ug/L	ND	0.50	0.47	07/21/21 13:20	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
Bromoform	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromomethane	ug/L	ND	5.0	1.7	07/21/21 13:20	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/21/21 13:20	
Chlorobenzene	ug/L	ND	0.50	0.28	07/21/21 13:20	
Chloroethane	ug/L	ND	1.0	0.65	07/21/21 13:20	
Chloroform	ug/L	ND	0.50	0.35	07/21/21 13:20	
Chloromethane	ug/L	ND	1.0	0.54	07/21/21 13:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromomethane	ug/L	ND	0.50	0.39	07/21/21 13:20	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/21/21 13:20	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/21/21 13:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550626

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550626001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/21/21 13:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/21/21 13:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/21/21 13:20	
m&p-Xylene	ug/L	ND	1.0	0.71	07/21/21 13:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/21/21 13:20	
Methylene Chloride	ug/L	ND	2.0	2.0	07/21/21 13:20	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/21/21 13:20	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Naphthalene	ug/L	ND	2.0	0.64	07/21/21 13:20	
o-Xylene	ug/L	ND	0.50	0.34	07/21/21 13:20	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/21/21 13:20	
Styrene	ug/L	ND	0.50	0.29	07/21/21 13:20	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Toluene	ug/L	ND	0.50	0.48	07/21/21 13:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/21/21 13:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Trichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/21/21 13:20	
Vinyl chloride	ug/L	ND	1.0	0.39	07/21/21 13:20	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/21/21 13:20	
4-Bromofluorobenzene (S)	%	101	70-130		07/21/21 13:20	
Toluene-d8 (S)	%	100	70-130		07/21/21 13:20	

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.4	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	50.7	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.0	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.0	104	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	55.6	111	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	48.2	96	60-140	
Bromobenzene	ug/L	50	51.1	102	60-140	
Bromochloromethane	ug/L	50	51.8	104	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	50.1	100	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	50.9	102	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.5	101	60-140	
Diisopropyl ether	ug/L	50	48.6	97	60-140	
Ethylbenzene	ug/L	50	48.9	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	60-140	
m&p-Xylene	ug/L	100	97.0	97	60-140	
Methyl-tert-butyl ether	ug/L	50	50.1	100	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	53.3	107	60-140	
n-Propylbenzene	ug/L	50	52.0	104	60-140	
Naphthalene	ug/L	50	53.9	108	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	48.4	97	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	49.1	98	60-140	
Trichlorofluoromethane	ug/L	50	45.5	91	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611											
Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	24.1	115	120	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	23.7	125	119	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	23.0	112	115	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30
1,1-Dichloroethane	ug/L	ND	20	20	23.9	24.0	119	120	60-140	0	30
1,1-Dichloroethene	ug/L	ND	20	20	25.2	24.9	126	124	60-140	1	30
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.2	124	121	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	23.3	110	117	60-140	6	30
1,2,3-Trichloropropane	ug/L	ND	20	20	21.0	21.9	105	110	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	23.6	114	118	60-140	4	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.2	111	114	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.6	22.7	113	114	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	23.1	114	116	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.9	111	115	60-140	4	30
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.9	114	114	60-140	0	30
2,2-Dichloropropane	ug/L	ND	20	20	26.6	26.8	133	134	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	22.5	22.5	112	112	60-140	0	30
4-Chlorotoluene	ug/L	ND	20	20	22.1	22.6	110	113	60-140	2	30
Benzene	ug/L	ND	20	20	24.0	23.3	120	117	60-140	3	30
Bromobenzene	ug/L	ND	20	20	22.8	22.7	114	113	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	24.4	24.6	122	123	60-140	1	30
Bromodichloromethane	ug/L	ND	20	20	23.4	22.9	117	115	60-140	2	30
Bromoform	ug/L	ND	20	20	23.5	24.3	118	121	60-140	3	30
Bromomethane	ug/L	ND	20	20	25.4	26.2	127	131	60-140	3	30
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.3	123	122	60-140	1	30
Chlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	60-140	3	30
Chloroethane	ug/L	ND	20	20	25.9	25.8	130	129	60-140	0	30
Chloroform	ug/L	8.4	20	20	30.9	30.6	113	111	60-140	1	30
Chloromethane	ug/L	ND	20	20	23.1	23.1	115	116	60-140	0	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.0	117	115	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.0	23.4	120	117	60-140	2	30
Dibromochloromethane	ug/L	ND	20	20	23.7	25.3	118	126	60-140	6	30
Dibromomethane	ug/L	ND	20	20	24.2	23.3	121	117	60-140	4	30
Dichlorodifluoromethane	ug/L	ND	20	20	25.0	24.3	125	122	60-140	2	30
Diisopropyl ether	ug/L	ND	20	20	22.0	21.9	110	109	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	22.1	23.2	110	116	60-140	5	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	25.5	132	128	60-140	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	24.0	112	120	60-140	6	30
m&p-Xylene	ug/L	ND	40	40	44.4	46.2	111	115	60-140	4	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611												
		92550622001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	23.3	116	117	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.4	114	117	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.6	22.6	113	113	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.9	21.8	102	107	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.8	23.3	109	116	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	22.9	23.4	115	117	60-140	2	30	
Styrene	ug/L	ND	20	20	22.5	23.6	112	118	60-140	5	30	
tert-Butylbenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.3	23.0	107	115	60-140	7	30	
Toluene	ug/L	ND	20	20	22.4	22.0	112	110	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.1	25.0	125	125	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.9	118	115	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.6	23.3	118	116	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.3	23.7	122	119	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.0	25.2	125	126	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	103	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92550626

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92550626

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550626001	14401_HC_RD_20210720	MADEP VPH	635968		
92550626001	14401_HC_RD_20210720	EPA 3010A	635493	EPA 6010D	635697
92550626001	14401_HC_RD_20210720	SM 6200B	634820		

REPORT OF LABORATORY ANALYSIS

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July 27, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92550627

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550627001	14226_HC_RD_20210720	Water	07/20/21 10:00	07/20/21 14:00

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550627001	14226_HC_RD_20210720	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

Sample: 14226_HC_RD_20210720 Lab ID: 92550627001 Collected: 07/20/21 10:00 Received: 07/20/21 14:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/27/21 01:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/27/21 01:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/27/21 01:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/27/21 01:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130		1		07/27/21 01:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	84	%	70-130		1		07/27/21 01:07	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 22:27	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 15:44	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 15:44	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 15:44	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 15:44	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 15:44	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 15:44	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 15:44	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 15:44	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 15:44	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 15:44	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 15:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 15:44	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/21/21 15:44	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 15:44	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 15:44	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 15:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 15:44	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 15:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 15:44	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 15:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 15:44	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 15:44	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 15:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 15:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 15:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 15:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 15:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 15:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 15:44	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

Sample: 14226_HC_RD_20210720 Lab ID: 92550627001 Collected: 07/20/21 10:00 Received: 07/20/21 14:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 15:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 15:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 15:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 15:44	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 15:44	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 15:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 15:44	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 15:44	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 15:44	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 15:44	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 15:44	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:44	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 15:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 15:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 15:44	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 15:44	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 15:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 15:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 15:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 15:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 15:44	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 15:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 15:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 15:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 15:44	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 15:44	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 15:44	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 15:44	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 15:44	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/21/21 15:44	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		07/21/21 15:44	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/21/21 15:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550627

QC Batch: 635968	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550627001

METHOD BLANK: 3339379 Matrix: Water
Associated Lab Samples: 92550627001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		07/26/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	85	70-130		07/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3339380		3339381								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	263	103	88	70-130	16	25	N2
Aromatic (C09-C10)	ug/L	100	99.4	94.8	99	95	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				92	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				80	80	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550627

QC Batch: 635493	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92550627001

METHOD BLANK: 3336920 Matrix: Water
Associated Lab Samples: 92550627001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/25/21 21:52	

LABORATORY CONTROL SAMPLE: 3336921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	473	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336922 3336923

Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	496	468	99	93	75-125	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550627

QC Batch: 634820	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550627001

METHOD BLANK: 3333608 Matrix: Water
Associated Lab Samples: 92550627001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/21/21 13:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/21/21 13:20	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/21/21 13:20	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/21/21 13:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/21/21 13:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/21/21 13:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/21/21 13:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/21/21 13:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/21/21 13:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/21/21 13:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/21/21 13:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/21/21 13:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/21/21 13:20	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Benzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromobenzene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Bromochloromethane	ug/L	ND	0.50	0.47	07/21/21 13:20	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
Bromoform	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromomethane	ug/L	ND	5.0	1.7	07/21/21 13:20	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/21/21 13:20	
Chlorobenzene	ug/L	ND	0.50	0.28	07/21/21 13:20	
Chloroethane	ug/L	ND	1.0	0.65	07/21/21 13:20	
Chloroform	ug/L	ND	0.50	0.35	07/21/21 13:20	
Chloromethane	ug/L	ND	1.0	0.54	07/21/21 13:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromomethane	ug/L	ND	0.50	0.39	07/21/21 13:20	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/21/21 13:20	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/21/21 13:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550627

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550627001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/21/21 13:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/21/21 13:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/21/21 13:20	
m&p-Xylene	ug/L	ND	1.0	0.71	07/21/21 13:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/21/21 13:20	
Methylene Chloride	ug/L	ND	2.0	2.0	07/21/21 13:20	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/21/21 13:20	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Naphthalene	ug/L	ND	2.0	0.64	07/21/21 13:20	
o-Xylene	ug/L	ND	0.50	0.34	07/21/21 13:20	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/21/21 13:20	
Styrene	ug/L	ND	0.50	0.29	07/21/21 13:20	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Toluene	ug/L	ND	0.50	0.48	07/21/21 13:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/21/21 13:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Trichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/21/21 13:20	
Vinyl chloride	ug/L	ND	1.0	0.39	07/21/21 13:20	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/21/21 13:20	
4-Bromofluorobenzene (S)	%	101	70-130		07/21/21 13:20	
Toluene-d8 (S)	%	100	70-130		07/21/21 13:20	

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.4	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	50.7	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.0	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.0	104	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	55.6	111	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	48.2	96	60-140	
Bromobenzene	ug/L	50	51.1	102	60-140	
Bromochloromethane	ug/L	50	51.8	104	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	50.1	100	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	50.9	102	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.5	101	60-140	
Diisopropyl ether	ug/L	50	48.6	97	60-140	
Ethylbenzene	ug/L	50	48.9	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	60-140	
m&p-Xylene	ug/L	100	97.0	97	60-140	
Methyl-tert-butyl ether	ug/L	50	50.1	100	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	53.3	107	60-140	
n-Propylbenzene	ug/L	50	52.0	104	60-140	
Naphthalene	ug/L	50	53.9	108	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	48.4	97	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	49.1	98	60-140	
Trichlorofluoromethane	ug/L	50	45.5	91	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611											
Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	24.1	115	120	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	23.7	125	119	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	23.0	112	115	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30
1,1-Dichloroethane	ug/L	ND	20	20	23.9	24.0	119	120	60-140	0	30
1,1-Dichloroethene	ug/L	ND	20	20	25.2	24.9	126	124	60-140	1	30
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.2	124	121	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	23.3	110	117	60-140	6	30
1,2,3-Trichloropropane	ug/L	ND	20	20	21.0	21.9	105	110	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	23.6	114	118	60-140	4	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.2	111	114	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.6	22.7	113	114	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	23.1	114	116	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.9	111	115	60-140	4	30
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.9	114	114	60-140	0	30
2,2-Dichloropropane	ug/L	ND	20	20	26.6	26.8	133	134	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	22.5	22.5	112	112	60-140	0	30
4-Chlorotoluene	ug/L	ND	20	20	22.1	22.6	110	113	60-140	2	30
Benzene	ug/L	ND	20	20	24.0	23.3	120	117	60-140	3	30
Bromobenzene	ug/L	ND	20	20	22.8	22.7	114	113	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	24.4	24.6	122	123	60-140	1	30
Bromodichloromethane	ug/L	ND	20	20	23.4	22.9	117	115	60-140	2	30
Bromoform	ug/L	ND	20	20	23.5	24.3	118	121	60-140	3	30
Bromomethane	ug/L	ND	20	20	25.4	26.2	127	131	60-140	3	30
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.3	123	122	60-140	1	30
Chlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	60-140	3	30
Chloroethane	ug/L	ND	20	20	25.9	25.8	130	129	60-140	0	30
Chloroform	ug/L	8.4	20	20	30.9	30.6	113	111	60-140	1	30
Chloromethane	ug/L	ND	20	20	23.1	23.1	115	116	60-140	0	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.0	117	115	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.0	23.4	120	117	60-140	2	30
Dibromochloromethane	ug/L	ND	20	20	23.7	25.3	118	126	60-140	6	30
Dibromomethane	ug/L	ND	20	20	24.2	23.3	121	117	60-140	4	30
Dichlorodifluoromethane	ug/L	ND	20	20	25.0	24.3	125	122	60-140	2	30
Diisopropyl ether	ug/L	ND	20	20	22.0	21.9	110	109	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	22.1	23.2	110	116	60-140	5	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	25.5	132	128	60-140	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	24.0	112	120	60-140	6	30
m&p-Xylene	ug/L	ND	40	40	44.4	46.2	111	115	60-140	4	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611												
		92550622001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	23.3	116	117	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.4	114	117	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.6	22.6	113	113	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.9	21.8	102	107	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.8	23.3	109	116	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	22.9	23.4	115	117	60-140	2	30	
Styrene	ug/L	ND	20	20	22.5	23.6	112	118	60-140	5	30	
tert-Butylbenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.3	23.0	107	115	60-140	7	30	
Toluene	ug/L	ND	20	20	22.4	22.0	112	110	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.1	25.0	125	125	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.9	118	115	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.6	23.3	118	116	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.3	23.7	122	119	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.0	25.2	125	126	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	103	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92550627

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550627001	14226_HC_RD_20210720	MADEP VPH	635968		
92550627001	14226_HC_RD_20210720	EPA 3010A	635493	EPA 6010D	635697
92550627001	14226_HC_RD_20210720	SM 6200B	634820		

REPORT OF LABORATORY ANALYSIS

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July 28, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92550630

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550630001	13926B_HC_RD_20210720	Water	07/20/21 11:25	07/20/21 14:00

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550630001	13926B_HC_RD_20210720	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

Sample: 13926B_HC_RD_20210720 Lab ID: 92550630001 Collected: 07/20/21 11:25 Received: 07/20/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/27/21 01:35		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/27/21 01:35		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/27/21 01:35		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/27/21 01:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		07/27/21 01:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		07/27/21 01:35	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 22:31	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 16:02	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 16:02	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 16:02	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 16:02	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 16:02	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 16:02	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 16:02	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 16:02	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 16:02	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 16:02	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 16:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 16:02	75-00-3	
Chloroform	8.0	ug/L	0.50	0.35	1		07/21/21 16:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 16:02	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 16:02	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 16:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 16:02	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 16:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 16:02	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 16:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 16:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 16:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 16:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 16:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 16:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 16:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 16:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 16:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 16:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 16:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 16:02	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

Sample: 13926B_HC_RD_20210720 Lab ID: 92550630001 Collected: 07/20/21 11:25 Received: 07/20/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 16:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 16:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 16:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 16:02	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 16:02	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 16:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 16:02	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 16:02	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 16:02	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 16:02	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 16:02	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 16:02	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 16:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 16:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 16:02	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 16:02	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 16:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 16:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 16:02	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 16:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 16:02	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 16:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 16:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 16:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 16:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 16:02	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 16:02	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 16:02	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 16:02	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/21/21 16:02	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		07/21/21 16:02	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/21/21 16:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550630

QC Batch: 635968	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550630001

METHOD BLANK: 3339379 Matrix: Water
Associated Lab Samples: 92550630001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		07/26/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	85	70-130		07/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3339380

		3339381								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	263	103	88	70-130	16	25	N2
Aromatic (C09-C10)	ug/L	100	99.4	94.8	99	95	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				92	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				80	80	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550630

QC Batch: 635493	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92550630001

METHOD BLANK: 3336920 Matrix: Water
Associated Lab Samples: 92550630001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/25/21 21:52	

LABORATORY CONTROL SAMPLE: 3336921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	473	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336922 3336923

Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	496	468	99	93	75-125	6	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550630

QC Batch: 634820	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550630001

METHOD BLANK: 3333608 Matrix: Water
Associated Lab Samples: 92550630001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/21/21 13:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/21/21 13:20	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/21/21 13:20	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/21/21 13:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/21/21 13:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/21/21 13:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/21/21 13:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/21/21 13:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/21/21 13:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/21/21 13:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/21/21 13:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/21/21 13:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/21/21 13:20	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Benzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromobenzene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Bromochloromethane	ug/L	ND	0.50	0.47	07/21/21 13:20	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
Bromoform	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromomethane	ug/L	ND	5.0	1.7	07/21/21 13:20	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/21/21 13:20	
Chlorobenzene	ug/L	ND	0.50	0.28	07/21/21 13:20	
Chloroethane	ug/L	ND	1.0	0.65	07/21/21 13:20	
Chloroform	ug/L	ND	0.50	0.35	07/21/21 13:20	
Chloromethane	ug/L	ND	1.0	0.54	07/21/21 13:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromomethane	ug/L	ND	0.50	0.39	07/21/21 13:20	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/21/21 13:20	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/21/21 13:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550630

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550630001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/21/21 13:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/21/21 13:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/21/21 13:20	
m&p-Xylene	ug/L	ND	1.0	0.71	07/21/21 13:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/21/21 13:20	
Methylene Chloride	ug/L	ND	2.0	2.0	07/21/21 13:20	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/21/21 13:20	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Naphthalene	ug/L	ND	2.0	0.64	07/21/21 13:20	
o-Xylene	ug/L	ND	0.50	0.34	07/21/21 13:20	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/21/21 13:20	
Styrene	ug/L	ND	0.50	0.29	07/21/21 13:20	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Toluene	ug/L	ND	0.50	0.48	07/21/21 13:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/21/21 13:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Trichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/21/21 13:20	
Vinyl chloride	ug/L	ND	1.0	0.39	07/21/21 13:20	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/21/21 13:20	
4-Bromofluorobenzene (S)	%	101	70-130		07/21/21 13:20	
Toluene-d8 (S)	%	100	70-130		07/21/21 13:20	

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.4	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	50.7	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.0	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.0	104	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	55.6	111	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	48.2	96	60-140	
Bromobenzene	ug/L	50	51.1	102	60-140	
Bromochloromethane	ug/L	50	51.8	104	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	50.1	100	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	50.9	102	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.5	101	60-140	
Diisopropyl ether	ug/L	50	48.6	97	60-140	
Ethylbenzene	ug/L	50	48.9	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	60-140	
m&p-Xylene	ug/L	100	97.0	97	60-140	
Methyl-tert-butyl ether	ug/L	50	50.1	100	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	53.3	107	60-140	
n-Propylbenzene	ug/L	50	52.0	104	60-140	
Naphthalene	ug/L	50	53.9	108	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	48.4	97	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	49.1	98	60-140	
Trichlorofluoromethane	ug/L	50	45.5	91	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611											
Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	24.1	115	120	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	23.7	125	119	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	23.0	112	115	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30
1,1-Dichloroethane	ug/L	ND	20	20	23.9	24.0	119	120	60-140	0	30
1,1-Dichloroethene	ug/L	ND	20	20	25.2	24.9	126	124	60-140	1	30
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.2	124	121	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	23.3	110	117	60-140	6	30
1,2,3-Trichloropropane	ug/L	ND	20	20	21.0	21.9	105	110	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	23.6	114	118	60-140	4	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.2	111	114	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.6	22.7	113	114	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	23.1	114	116	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.9	111	115	60-140	4	30
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.9	114	114	60-140	0	30
2,2-Dichloropropane	ug/L	ND	20	20	26.6	26.8	133	134	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	22.5	22.5	112	112	60-140	0	30
4-Chlorotoluene	ug/L	ND	20	20	22.1	22.6	110	113	60-140	2	30
Benzene	ug/L	ND	20	20	24.0	23.3	120	117	60-140	3	30
Bromobenzene	ug/L	ND	20	20	22.8	22.7	114	113	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	24.4	24.6	122	123	60-140	1	30
Bromodichloromethane	ug/L	ND	20	20	23.4	22.9	117	115	60-140	2	30
Bromoform	ug/L	ND	20	20	23.5	24.3	118	121	60-140	3	30
Bromomethane	ug/L	ND	20	20	25.4	26.2	127	131	60-140	3	30
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.3	123	122	60-140	1	30
Chlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	60-140	3	30
Chloroethane	ug/L	ND	20	20	25.9	25.8	130	129	60-140	0	30
Chloroform	ug/L	8.4	20	20	30.9	30.6	113	111	60-140	1	30
Chloromethane	ug/L	ND	20	20	23.1	23.1	115	116	60-140	0	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.0	117	115	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.0	23.4	120	117	60-140	2	30
Dibromochloromethane	ug/L	ND	20	20	23.7	25.3	118	126	60-140	6	30
Dibromomethane	ug/L	ND	20	20	24.2	23.3	121	117	60-140	4	30
Dichlorodifluoromethane	ug/L	ND	20	20	25.0	24.3	125	122	60-140	2	30
Diisopropyl ether	ug/L	ND	20	20	22.0	21.9	110	109	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	22.1	23.2	110	116	60-140	5	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	25.5	132	128	60-140	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	24.0	112	120	60-140	6	30
m&p-Xylene	ug/L	ND	40	40	44.4	46.2	111	115	60-140	4	30

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611												
		92550622001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	23.3	116	117	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.4	114	117	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.6	22.6	113	113	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.9	21.8	102	107	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.8	23.3	109	116	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	22.9	23.4	115	117	60-140	2	30	
Styrene	ug/L	ND	20	20	22.5	23.6	112	118	60-140	5	30	
tert-Butylbenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.3	23.0	107	115	60-140	7	30	
Toluene	ug/L	ND	20	20	22.4	22.0	112	110	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.1	25.0	125	125	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.9	118	115	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.6	23.3	118	116	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.3	23.7	122	119	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.0	25.2	125	126	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	103	70-130			
Toluene-d8 (S)	%						99	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92550630

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550630001	13926B_HC_RD_20210720	MADEP VPH	635968		
92550630001	13926B_HC_RD_20210720	EPA 3010A	635493	EPA 6010D	635697
92550630001	13926B_HC_RD_20210720	SM 6200B	634820		

REPORT OF LABORATORY ANALYSIS

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July 27, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92550635

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550635001	13835_AC_RD_20210720	Water	07/20/21 10:40	07/20/21 14:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550635001	13835_AC_RD_20210720	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

Sample: 13835_AC_RD_20210720 Lab ID: 92550635001 Collected: 07/20/21 10:40 Received: 07/20/21 14:00 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/27/21 02:03		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/27/21 02:03		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/27/21 02:03		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/27/21 02:03		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		07/27/21 02:03	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130		1		07/27/21 02:03	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 22:34	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 16:20	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 16:20	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 16:20	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 16:20	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 16:20	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 16:20	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 16:20	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 16:20	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 16:20	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 16:20	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 16:20	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 16:20	75-00-3	
Chloroform	0.73	ug/L	0.50	0.35	1		07/21/21 16:20	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 16:20	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 16:20	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 16:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 16:20	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 16:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 16:20	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 16:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 16:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 16:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 16:20	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 16:20	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 16:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 16:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 16:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 16:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 16:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 16:20	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 16:20	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

Sample: 13835_AC_RD_20210720 Lab ID: 92550635001 Collected: 07/20/21 10:40 Received: 07/20/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 16:20	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 16:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 16:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 16:20	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 16:20	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 16:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 16:20	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 16:20	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 16:20	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 16:20	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 16:20	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 16:20	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 16:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 16:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 16:20	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 16:20	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 16:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 16:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 16:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 16:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 16:20	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 16:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 16:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 16:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 16:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 16:20	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 16:20	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 16:20	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 16:20	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		07/21/21 16:20	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		07/21/21 16:20	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/21/21 16:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

QC Batch: 635968

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550635001

METHOD BLANK: 3339379

Matrix: Water

Associated Lab Samples: 92550635001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		07/26/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	85	70-130		07/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3339380

3339381

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	263	103	88	70-130	16	25	N2
Aromatic (C09-C10)	ug/L	100	99.4	94.8	99	95	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				92	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				80	80	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550635

QC Batch: 635493	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92550635001

METHOD BLANK: 3336920 Matrix: Water
Associated Lab Samples: 92550635001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/25/21 21:52	

LABORATORY CONTROL SAMPLE: 3336921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	473	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336922 3336923

Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	496	468	99	93	75-125	6	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550635

QC Batch:	634820	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92550635001

METHOD BLANK: 3333608 Matrix: Water
Associated Lab Samples: 92550635001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/21/21 13:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/21/21 13:20	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/21/21 13:20	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/21/21 13:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/21/21 13:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/21/21 13:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/21/21 13:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/21/21 13:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/21/21 13:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/21/21 13:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/21/21 13:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/21/21 13:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/21/21 13:20	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Benzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromobenzene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Bromochloromethane	ug/L	ND	0.50	0.47	07/21/21 13:20	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
Bromoform	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromomethane	ug/L	ND	5.0	1.7	07/21/21 13:20	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/21/21 13:20	
Chlorobenzene	ug/L	ND	0.50	0.28	07/21/21 13:20	
Chloroethane	ug/L	ND	1.0	0.65	07/21/21 13:20	
Chloroform	ug/L	ND	0.50	0.35	07/21/21 13:20	
Chloromethane	ug/L	ND	1.0	0.54	07/21/21 13:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromomethane	ug/L	ND	0.50	0.39	07/21/21 13:20	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/21/21 13:20	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/21/21 13:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550635

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550635001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/21/21 13:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/21/21 13:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/21/21 13:20	
m&p-Xylene	ug/L	ND	1.0	0.71	07/21/21 13:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/21/21 13:20	
Methylene Chloride	ug/L	ND	2.0	2.0	07/21/21 13:20	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/21/21 13:20	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Naphthalene	ug/L	ND	2.0	0.64	07/21/21 13:20	
o-Xylene	ug/L	ND	0.50	0.34	07/21/21 13:20	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/21/21 13:20	
Styrene	ug/L	ND	0.50	0.29	07/21/21 13:20	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Toluene	ug/L	ND	0.50	0.48	07/21/21 13:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/21/21 13:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Trichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/21/21 13:20	
Vinyl chloride	ug/L	ND	1.0	0.39	07/21/21 13:20	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/21/21 13:20	
4-Bromofluorobenzene (S)	%	101	70-130		07/21/21 13:20	
Toluene-d8 (S)	%	100	70-130		07/21/21 13:20	

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.4	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	50.7	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.0	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.0	104	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	55.6	111	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	48.2	96	60-140	
Bromobenzene	ug/L	50	51.1	102	60-140	
Bromochloromethane	ug/L	50	51.8	104	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	50.1	100	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	50.9	102	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.5	101	60-140	
Diisopropyl ether	ug/L	50	48.6	97	60-140	
Ethylbenzene	ug/L	50	48.9	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	60-140	
m&p-Xylene	ug/L	100	97.0	97	60-140	
Methyl-tert-butyl ether	ug/L	50	50.1	100	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	53.3	107	60-140	
n-Propylbenzene	ug/L	50	52.0	104	60-140	
Naphthalene	ug/L	50	53.9	108	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	48.4	97	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	49.1	98	60-140	
Trichlorofluoromethane	ug/L	50	45.5	91	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550635

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610				3333611								
		92550622001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	24.1	115	120	60-140	5	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	23.7	125	119	60-140	5	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	23.0	112	115	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30	
1,1-Dichloroethane	ug/L	ND	20	20	23.9	24.0	119	120	60-140	0	30	
1,1-Dichloroethene	ug/L	ND	20	20	25.2	24.9	126	124	60-140	1	30	
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.2	124	121	60-140	2	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	23.3	110	117	60-140	6	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	21.0	21.9	105	110	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	23.6	114	118	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.2	111	114	60-140	3	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
1,2-Dichloropropane	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.6	22.7	113	114	60-140	1	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	23.1	114	116	60-140	2	30	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.9	111	115	60-140	4	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.9	114	114	60-140	0	30	
2,2-Dichloropropane	ug/L	ND	20	20	26.6	26.8	133	134	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	22.5	22.5	112	112	60-140	0	30	
4-Chlorotoluene	ug/L	ND	20	20	22.1	22.6	110	113	60-140	2	30	
Benzene	ug/L	ND	20	20	24.0	23.3	120	117	60-140	3	30	
Bromobenzene	ug/L	ND	20	20	22.8	22.7	114	113	60-140	0	30	
Bromochloromethane	ug/L	ND	20	20	24.4	24.6	122	123	60-140	1	30	
Bromodichloromethane	ug/L	ND	20	20	23.4	22.9	117	115	60-140	2	30	
Bromoform	ug/L	ND	20	20	23.5	24.3	118	121	60-140	3	30	
Bromomethane	ug/L	ND	20	20	25.4	26.2	127	131	60-140	3	30	
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.3	123	122	60-140	1	30	
Chlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	60-140	3	30	
Chloroethane	ug/L	ND	20	20	25.9	25.8	130	129	60-140	0	30	
Chloroform	ug/L	8.4	20	20	30.9	30.6	113	111	60-140	1	30	
Chloromethane	ug/L	ND	20	20	23.1	23.1	115	116	60-140	0	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.0	117	115	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.0	23.4	120	117	60-140	2	30	
Dibromochloromethane	ug/L	ND	20	20	23.7	25.3	118	126	60-140	6	30	
Dibromomethane	ug/L	ND	20	20	24.2	23.3	121	117	60-140	4	30	
Dichlorodifluoromethane	ug/L	ND	20	20	25.0	24.3	125	122	60-140	2	30	
Diisopropyl ether	ug/L	ND	20	20	22.0	21.9	110	109	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	22.1	23.2	110	116	60-140	5	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	25.5	132	128	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	24.0	112	120	60-140	6	30	
m&p-Xylene	ug/L	ND	40	40	44.4	46.2	111	115	60-140	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611												
		92550622001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	23.3	116	117	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.4	114	117	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.6	22.6	113	113	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.9	21.8	102	107	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.8	23.3	109	116	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	22.9	23.4	115	117	60-140	2	30	
Styrene	ug/L	ND	20	20	22.5	23.6	112	118	60-140	5	30	
tert-Butylbenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.3	23.0	107	115	60-140	7	30	
Toluene	ug/L	ND	20	20	22.4	22.0	112	110	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.1	25.0	125	125	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.9	118	115	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.6	23.3	118	116	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.3	23.7	122	119	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.0	25.2	125	126	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	103	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92550635

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550635001	13835_AC_RD_20210720	MADEP VPH	635968		
92550635001	13835_AC_RD_20210720	EPA 3010A	635493	EPA 6010D	635697
92550635001	13835_AC_RD_20210720	SM 6200B	634820		

REPORT OF LABORATORY ANALYSIS

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July 28, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92550639

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 20, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92550639001	13926A_HC_RD_20210720	Water	07/20/21 12:00	07/20/21 14:00

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92550639001	13926A_HC_RD_20210720	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

Sample: 13926A_HC_RD_20210720 Lab ID: 92550639001 Collected: 07/20/21 12:00 Received: 07/20/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/27/21 02:32		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/27/21 02:32		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/27/21 02:32		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/27/21 02:32		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		07/27/21 02:32	460-00-4	
4-Bromofluorobenzene (PID) (S)	87	%	70-130		1		07/27/21 02:32	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	89.3	ug/L	5.0	4.5	1	07/24/21 01:02	07/25/21 22:37	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/21/21 15:26	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/21/21 15:26	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/21/21 15:26	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/21/21 15:26	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/21/21 15:26	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/21/21 15:26	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/21/21 15:26	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/21/21 15:26	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/21/21 15:26	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/21/21 15:26	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/21/21 15:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/21/21 15:26	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/21/21 15:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/21/21 15:26	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 15:26	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/21/21 15:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/21/21 15:26	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/21/21 15:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/21/21 15:26	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/21/21 15:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/21/21 15:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/21/21 15:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/21/21 15:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 15:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/21/21 15:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 15:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/21/21 15:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/21/21 15:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/21/21 15:26	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

Sample: 13926A_HC_RD_20210720 Lab ID: 92550639001 Collected: 07/20/21 12:00 Received: 07/20/21 14:00 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/21/21 15:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/21/21 15:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 15:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/21/21 15:26	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/21/21 15:26	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/21/21 15:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/21/21 15:26	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/21/21 15:26	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/21/21 15:26	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/21/21 15:26	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/21/21 15:26	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/21/21 15:26	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/21/21 15:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/21/21 15:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/21/21 15:26	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/21/21 15:26	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/21/21 15:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/21/21 15:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/21/21 15:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/21/21 15:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/21/21 15:26	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/21/21 15:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/21/21 15:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/21/21 15:26	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/21/21 15:26	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/21/21 15:26	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/21/21 15:26	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/21/21 15:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/21/21 15:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		07/21/21 15:26	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		07/21/21 15:26	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/21/21 15:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550639

QC Batch:	635968	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92550639001

METHOD BLANK: 3339379 Matrix: Water
Associated Lab Samples: 92550639001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/26/21 16:32	N2
4-Bromofluorobenzene (FID) (S)	%	96	70-130		07/26/21 16:32	
4-Bromofluorobenzene (PID) (S)	%	85	70-130		07/26/21 16:32	

LABORATORY CONTROL SAMPLE & LCSD: 3339380			3339381							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	310	263	103	88	70-130	16	25	N2
Aromatic (C09-C10)	ug/L	100	99.4	94.8	99	95	70-130	5	25	N2
4-Bromofluorobenzene (FID) (S)	%				92	93	70-130			
4-Bromofluorobenzene (PID) (S)	%				80	80	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550639

QC Batch: 635493	Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A	Analysis Description: 6010 MET
	Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92550639001

METHOD BLANK: 3336920 Matrix: Water
Associated Lab Samples: 92550639001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/25/21 21:52	

LABORATORY CONTROL SAMPLE: 3336921

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	473	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3336922 3336923

Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	496	468	99	93	75-125	6	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550639

QC Batch: 634820	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92550639001

METHOD BLANK: 3333608 Matrix: Water
Associated Lab Samples: 92550639001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/21/21 13:20	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/21/21 13:20	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/21/21 13:20	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/21/21 13:20	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/21/21 13:20	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/21/21 13:20	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/21/21 13:20	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/21/21 13:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/21/21 13:20	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/21/21 13:20	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/21/21 13:20	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/21/21 13:20	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/21/21 13:20	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/21/21 13:20	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/21/21 13:20	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Benzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromobenzene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Bromochloromethane	ug/L	ND	0.50	0.47	07/21/21 13:20	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/21/21 13:20	
Bromoform	ug/L	ND	0.50	0.34	07/21/21 13:20	
Bromomethane	ug/L	ND	5.0	1.7	07/21/21 13:20	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/21/21 13:20	
Chlorobenzene	ug/L	ND	0.50	0.28	07/21/21 13:20	
Chloroethane	ug/L	ND	1.0	0.65	07/21/21 13:20	
Chloroform	ug/L	ND	0.50	0.35	07/21/21 13:20	
Chloromethane	ug/L	ND	1.0	0.54	07/21/21 13:20	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/21/21 13:20	
Dibromomethane	ug/L	ND	0.50	0.39	07/21/21 13:20	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/21/21 13:20	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/21/21 13:20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92550639

METHOD BLANK: 3333608

Matrix: Water

Associated Lab Samples: 92550639001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/21/21 13:20	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/21/21 13:20	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/21/21 13:20	
m&p-Xylene	ug/L	ND	1.0	0.71	07/21/21 13:20	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/21/21 13:20	
Methylene Chloride	ug/L	ND	2.0	2.0	07/21/21 13:20	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/21/21 13:20	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/21/21 13:20	
Naphthalene	ug/L	ND	2.0	0.64	07/21/21 13:20	
o-Xylene	ug/L	ND	0.50	0.34	07/21/21 13:20	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/21/21 13:20	
Styrene	ug/L	ND	0.50	0.29	07/21/21 13:20	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/21/21 13:20	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/21/21 13:20	
Toluene	ug/L	ND	0.50	0.48	07/21/21 13:20	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/21/21 13:20	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/21/21 13:20	
Trichloroethene	ug/L	ND	0.50	0.38	07/21/21 13:20	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/21/21 13:20	
Vinyl chloride	ug/L	ND	1.0	0.39	07/21/21 13:20	
1,2-Dichloroethane-d4 (S)	%	100	70-130		07/21/21 13:20	
4-Bromofluorobenzene (S)	%	101	70-130		07/21/21 13:20	
Toluene-d8 (S)	%	100	70-130		07/21/21 13:20	

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.2	106	60-140	
1,1,1-Trichloroethane	ug/L	50	49.4	99	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	60-140	
1,1,2-Trichloroethane	ug/L	50	49.6	99	60-140	
1,1-Dichloroethane	ug/L	50	48.9	98	60-140	
1,1-Dichloroethene	ug/L	50	49.7	99	60-140	
1,1-Dichloropropene	ug/L	50	50.7	101	60-140	
1,2,3-Trichlorobenzene	ug/L	50	56.8	114	60-140	
1,2,3-Trichloropropane	ug/L	50	48.2	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	55.3	111	60-140	
1,2,4-Trimethylbenzene	ug/L	50	53.0	106	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	54.8	110	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	60-140	
1,2-Dichlorobenzene	ug/L	50	51.9	104	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.5	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

LABORATORY CONTROL SAMPLE: 3333609

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	52.0	104	60-140	
1,3-Dichloropropane	ug/L	50	49.5	99	60-140	
1,4-Dichlorobenzene	ug/L	50	51.5	103	60-140	
2,2-Dichloropropane	ug/L	50	55.6	111	60-140	
2-Chlorotoluene	ug/L	50	51.7	103	60-140	
4-Chlorotoluene	ug/L	50	50.2	100	60-140	
Benzene	ug/L	50	48.2	96	60-140	
Bromobenzene	ug/L	50	51.1	102	60-140	
Bromochloromethane	ug/L	50	51.8	104	60-140	
Bromodichloromethane	ug/L	50	49.1	98	60-140	
Bromoform	ug/L	50	55.2	110	60-140	
Bromomethane	ug/L	50	51.4	103	60-140	
Carbon tetrachloride	ug/L	50	49.8	100	60-140	
Chlorobenzene	ug/L	50	49.2	98	60-140	
Chloroethane	ug/L	50	50.1	100	60-140	
Chloroform	ug/L	50	46.7	93	60-140	
Chloromethane	ug/L	50	50.9	102	60-140	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	60-140	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	60-140	
Dibromochloromethane	ug/L	50	54.8	110	60-140	
Dibromomethane	ug/L	50	49.2	98	60-140	
Dichlorodifluoromethane	ug/L	50	50.5	101	60-140	
Diisopropyl ether	ug/L	50	48.6	97	60-140	
Ethylbenzene	ug/L	50	48.9	98	60-140	
Hexachloro-1,3-butadiene	ug/L	50	56.4	113	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	60-140	
m&p-Xylene	ug/L	100	97.0	97	60-140	
Methyl-tert-butyl ether	ug/L	50	50.1	100	60-140	
Methylene Chloride	ug/L	50	49.0	98	60-140	
n-Butylbenzene	ug/L	50	53.3	107	60-140	
n-Propylbenzene	ug/L	50	52.0	104	60-140	
Naphthalene	ug/L	50	53.9	108	60-140	
o-Xylene	ug/L	50	49.2	98	60-140	
sec-Butylbenzene	ug/L	50	53.0	106	60-140	
Styrene	ug/L	50	52.4	105	60-140	
tert-Butylbenzene	ug/L	50	43.5	87	60-140	
Tetrachloroethene	ug/L	50	48.4	97	60-140	
Toluene	ug/L	50	46.7	93	60-140	
trans-1,2-Dichloroethene	ug/L	50	51.2	102	60-140	
trans-1,3-Dichloropropene	ug/L	50	52.6	105	60-140	
Trichloroethene	ug/L	50	49.1	98	60-140	
Trichlorofluoromethane	ug/L	50	45.5	91	60-140	
Vinyl chloride	ug/L	50	50.2	100	60-140	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611											
Parameter	Units	92550622001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	22.9	24.1	115	120	60-140	5	30
1,1,1-Trichloroethane	ug/L	ND	20	20	24.9	23.7	125	119	60-140	5	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.4	23.0	112	115	60-140	2	30
1,1,2-Trichloroethane	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30
1,1-Dichloroethane	ug/L	ND	20	20	23.9	24.0	119	120	60-140	0	30
1,1-Dichloroethene	ug/L	ND	20	20	25.2	24.9	126	124	60-140	1	30
1,1-Dichloropropene	ug/L	ND	20	20	24.8	24.2	124	121	60-140	2	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	21.9	23.3	110	117	60-140	6	30
1,2,3-Trichloropropane	ug/L	ND	20	20	21.0	21.9	105	110	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	22.8	23.6	114	118	60-140	4	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	22.6	23.2	111	114	60-140	3	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	23.0	22.9	115	115	60-140	0	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	22.4	23.1	112	115	60-140	3	30
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	22.4	110	112	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30
1,2-Dichloropropane	ug/L	ND	20	20	23.9	23.1	119	115	60-140	3	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	22.6	22.7	113	114	60-140	1	30
1,3-Dichlorobenzene	ug/L	ND	20	20	22.8	23.1	114	116	60-140	2	30
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.9	111	115	60-140	4	30
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.9	114	114	60-140	0	30
2,2-Dichloropropane	ug/L	ND	20	20	26.6	26.8	133	134	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	22.5	22.5	112	112	60-140	0	30
4-Chlorotoluene	ug/L	ND	20	20	22.1	22.6	110	113	60-140	2	30
Benzene	ug/L	ND	20	20	24.0	23.3	120	117	60-140	3	30
Bromobenzene	ug/L	ND	20	20	22.8	22.7	114	113	60-140	0	30
Bromochloromethane	ug/L	ND	20	20	24.4	24.6	122	123	60-140	1	30
Bromodichloromethane	ug/L	ND	20	20	23.4	22.9	117	115	60-140	2	30
Bromoform	ug/L	ND	20	20	23.5	24.3	118	121	60-140	3	30
Bromomethane	ug/L	ND	20	20	25.4	26.2	127	131	60-140	3	30
Carbon tetrachloride	ug/L	ND	20	20	24.6	24.3	123	122	60-140	1	30
Chlorobenzene	ug/L	ND	20	20	22.2	22.9	111	114	60-140	3	30
Chloroethane	ug/L	ND	20	20	25.9	25.8	130	129	60-140	0	30
Chloroform	ug/L	8.4	20	20	30.9	30.6	113	111	60-140	1	30
Chloromethane	ug/L	ND	20	20	23.1	23.1	115	116	60-140	0	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	23.5	23.0	117	115	60-140	2	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.0	23.4	120	117	60-140	2	30
Dibromochloromethane	ug/L	ND	20	20	23.7	25.3	118	126	60-140	6	30
Dibromomethane	ug/L	ND	20	20	24.2	23.3	121	117	60-140	4	30
Dichlorodifluoromethane	ug/L	ND	20	20	25.0	24.3	125	122	60-140	2	30
Diisopropyl ether	ug/L	ND	20	20	22.0	21.9	110	109	60-140	1	30
Ethylbenzene	ug/L	ND	20	20	22.1	23.2	110	116	60-140	5	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	26.4	25.5	132	128	60-140	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	22.5	24.0	112	120	60-140	6	30
m&p-Xylene	ug/L	ND	40	40	44.4	46.2	111	115	60-140	4	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3333610 3333611												
		92550622001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	23.2	23.3	116	117	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	22.6	22.2	113	111	60-140	2	30	
n-Butylbenzene	ug/L	ND	20	20	22.8	23.4	114	117	60-140	2	30	
n-Propylbenzene	ug/L	ND	20	20	22.6	22.6	113	113	60-140	0	30	
Naphthalene	ug/L	ND	20	20	20.9	21.8	102	107	60-140	4	30	
o-Xylene	ug/L	ND	20	20	21.8	23.3	109	116	60-140	6	30	
sec-Butylbenzene	ug/L	ND	20	20	22.9	23.4	115	117	60-140	2	30	
Styrene	ug/L	ND	20	20	22.5	23.6	112	118	60-140	5	30	
tert-Butylbenzene	ug/L	ND	20	20	18.6	19.2	93	96	60-140	3	30	
Tetrachloroethene	ug/L	ND	20	20	21.3	23.0	107	115	60-140	7	30	
Toluene	ug/L	ND	20	20	22.4	22.0	112	110	60-140	2	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	25.1	25.0	125	125	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.7	22.9	118	115	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	23.6	23.3	118	116	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	24.3	23.7	122	119	60-140	2	30	
Vinyl chloride	ug/L	ND	20	20	25.0	25.2	125	126	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						95	98	70-130			
4-Bromofluorobenzene (S)	%						98	103	70-130			
Toluene-d8 (S)	%						99	98	70-130			

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92550639

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92550639

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92550639001	13926A_HC_RD_20210720	MADEP VPH	635968		
92550639001	13926A_HC_RD_20210720	EPA 3010A	635493	EPA 6010D	635697
92550639001	13926A_HC_RD_20210720	SM 6200B	634820		

REPORT OF LABORATORY ANALYSIS

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August 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551854

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551854001	14401_HC_RD_20210727	Water	07/27/21 08:55	07/27/21 13:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551854001	14401_HC_RD_20210727	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

Sample: 14401_HC_RD_20210727 Lab ID: 92551854001 Collected: 07/27/21 08:55 Received: 07/27/21 13:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 19:02		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 19:02		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 19:02		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 19:02		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		07/28/21 19:02	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		07/28/21 19:02	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/29/21 19:57	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 12:39	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 12:39	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 12:39	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 12:39	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 12:39	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 12:39	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 12:39	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 12:39	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 12:39	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 12:39	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 12:39	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 12:39	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 12:39	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 12:39	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 12:39	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 12:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 12:39	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 12:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 12:39	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 12:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 12:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 12:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 12:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 12:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 12:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 12:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 12:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 12:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 12:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 12:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 12:39	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

Sample: 14401_HC_RD_20210727 Lab ID: 92551854001 Collected: 07/27/21 08:55 Received: 07/27/21 13:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 12:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 12:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 12:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 12:39	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 12:39	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 12:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 12:39	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 12:39	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 12:39	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 12:39	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 12:39	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 12:39	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 12:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 12:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 12:39	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 12:39	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 12:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 12:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 12:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 12:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 12:39	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 12:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 12:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 12:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 12:39	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 12:39	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 12:39	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 12:39	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 12:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		07/28/21 12:39	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/21 12:39	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/28/21 12:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

QC Batch: 636581

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551854001

METHOD BLANK: 3342380

Matrix: Water

Associated Lab Samples: 92551854001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/28/21 17:08	
4-Bromofluorobenzene (PID) (S)	%	88	70-130		07/28/21 17:08	

LABORATORY CONTROL SAMPLE & LCSD: 3342381

3342382

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	254	278	85	93	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	103	102	103	102	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				83	83	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

QC Batch: 636611

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92551854001

METHOD BLANK: 3342615

Matrix: Water

Associated Lab Samples: 92551854001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/29/21 19:05	

LABORATORY CONTROL SAMPLE: 3342616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3342617 3342618

Parameter	Units	92550299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	462	471	91	93	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551854

QC Batch: 636405	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551854001

METHOD BLANK: 3341366 Matrix: Water
Associated Lab Samples: 92551854001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/28/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/28/21 11:09	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/28/21 11:09	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/28/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/28/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/28/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/28/21 11:09	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/28/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/28/21 11:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/28/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/28/21 11:09	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/28/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/28/21 11:09	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Benzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromobenzene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Bromochloromethane	ug/L	ND	0.50	0.47	07/28/21 11:09	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
Bromoform	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromomethane	ug/L	ND	5.0	1.7	07/28/21 11:09	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/28/21 11:09	
Chlorobenzene	ug/L	ND	0.50	0.28	07/28/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	07/28/21 11:09	
Chloroform	ug/L	ND	0.50	0.35	07/28/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	07/28/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromomethane	ug/L	ND	0.50	0.39	07/28/21 11:09	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/28/21 11:09	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/28/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551854001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/28/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/28/21 11:09	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/28/21 11:09	
m&p-Xylene	ug/L	ND	1.0	0.71	07/28/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/28/21 11:09	
Methylene Chloride	ug/L	ND	2.0	2.0	07/28/21 11:09	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/28/21 11:09	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Naphthalene	ug/L	ND	2.0	0.64	07/28/21 11:09	
o-Xylene	ug/L	ND	0.50	0.34	07/28/21 11:09	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/28/21 11:09	
Styrene	ug/L	ND	0.50	0.29	07/28/21 11:09	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Toluene	ug/L	ND	0.50	0.48	07/28/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/28/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Trichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/28/21 11:09	
Vinyl chloride	ug/L	ND	1.0	0.39	07/28/21 11:09	
1,2-Dichloroethane-d4 (S)	%	96	70-130		07/28/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		07/28/21 11:09	
Toluene-d8 (S)	%	100	70-130		07/28/21 11:09	

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	60-140	
1,2-Dichlorobenzene	ug/L	50	49.4	99	60-140	
1,2-Dichloroethane	ug/L	50	44.3	89	60-140	
1,2-Dichloropropane	ug/L	50	46.9	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	50.0	100	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	47.2	94	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	48.2	96	60-140	
Bromodichloromethane	ug/L	50	46.6	93	60-140	
Bromoform	ug/L	50	48.2	96	60-140	
Bromomethane	ug/L	50	50.8	102	60-140	
Carbon tetrachloride	ug/L	50	47.3	95	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	54.2	108	60-140	
Chloroform	ug/L	50	45.6	91	60-140	
Chloromethane	ug/L	50	45.3	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	60-140	
Dibromochloromethane	ug/L	50	48.6	97	60-140	
Dibromomethane	ug/L	50	48.2	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	43.9	88	60-140	
Ethylbenzene	ug/L	50	48.4	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.6	89	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.7	97	60-140	
Naphthalene	ug/L	50	47.9	96	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.1	96	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	48.2	96	60-140	
Toluene	ug/L	50	45.8	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.8	92	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368				3341369								
		92551937001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	21.6	104	108	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.6	103	108	60-140	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.9	105	109	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.5	103	108	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.5	104	107	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.4	102	107	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.8	22.8	109	114	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.9	101	104	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	21.7	103	108	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	21.1	101	106	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.8	103	109	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.6	97	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	20.3	21.3	102	106	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Benzene	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	21.4	22.4	107	112	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	22.6	22.5	113	113	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.6	21.4	103	107	60-140	4	30	
Bromoform	ug/L	ND	20	20	19.5	20.5	97	102	60-140	5	30	
Bromomethane	ug/L	ND	20	20	10.8	17.9	54	90	60-140	49	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
Chlorobenzene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30	
Chloroethane	ug/L	ND	20	20	27.7	26.4	138	132	60-140	5	30	
Chloroform	ug/L	ND	20	20	20.7	21.0	103	105	60-140	2	30	
Chloromethane	ug/L	ND	20	20	18.3	18.7	92	94	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	103	107	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.2	102	106	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	41.2	42.7	103	107	60-140	4	30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368 3341369											
Parameter	Units	92551937001		MS	MSD	MS		MS	MSD	% Rec	Max
		Result	Conc.	Spike	Spike	Result	Result	% Rec	% Rec	Limits	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20	20.6	20.9	103	104	60-140	1 30
Methylene Chloride	ug/L	ND	20	20	20	20.7	20.9	103	104	60-140	1 30
n-Butylbenzene	ug/L	ND	20	20	20	20.6	21.7	103	108	60-140	5 30
n-Propylbenzene	ug/L	ND	20	20	20	20.7	21.5	103	107	60-140	4 30
Naphthalene	ug/L	ND	20	20	20	19.9	21.3	99	107	60-140	7 30
o-Xylene	ug/L	ND	20	20	20	20.8	21.3	104	106	60-140	2 30
sec-Butylbenzene	ug/L	ND	20	20	20	20.5	21.5	102	107	60-140	5 30
Styrene	ug/L	ND	20	20	20	20.0	20.7	100	104	60-140	4 30
tert-Butylbenzene	ug/L	ND	20	20	20	17.6	18.3	88	92	60-140	4 30
Tetrachloroethene	ug/L	ND	20	20	20	20.5	21.7	102	108	60-140	6 30
Toluene	ug/L	ND	20	20	20	20.9	21.9	105	110	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	20.5	21.4	102	107	60-140	4 30
Trichloroethene	ug/L	ND	20	20	20	21.5	22.4	108	112	60-140	4 30
Trichlorofluoromethane	ug/L	ND	20	20	20	20.9	22.1	104	110	60-140	5 30
Vinyl chloride	ug/L	ND	20	20	20	21.6	22.0	108	110	60-140	2 30
1,2-Dichloroethane-d4 (S)	%							95	95	70-130	
4-Bromofluorobenzene (S)	%							97	97	70-130	
Toluene-d8 (S)	%							100	100	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551854

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551854001	14401_HC_RD_20210727	MADEP VPH	636581		
92551854001	14401_HC_RD_20210727	EPA 3010A	636611	EPA 6010D	636653
92551854001	14401_HC_RD_20210727	SM 6200B	636405		

REPORT OF LABORATORY ANALYSIS

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Company: Apex Companies

Billing Information:

Address:

Cont.



Y

Report To: Andrew Street

Email To: Andrew.Street@apexcs.com

Copy To:

Site Collection Info/Address: 4401 Huntsville Blvd Rd

Customer Project Name/Number: 2020-U-248 Incident

State: NC County/City: Huntersville Time Zone Collected: [] PT [] MT [] CT [] ET

Phone:

Site/Facility ID #:

Compliance Monitoring? [] Yes [] No

Collected By (print): Adam Feltz

Purchase Order #:

DW PWS ID #:

Collected By (signature): Adam Feltz

Quote #:

DW Location Code:

Sample Disposal:

Turnaround Date Required:

Immediately Packed on Ice: [] Yes [] No

[] Dispose as appropriate [] Return

Rush: [] Same Day [] Next Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day

Field Filtered (if applicable): [] Yes [] No

[] Archive: [] Hold: (Expedite Charges Apply)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Composite End Date Time

Res CI

of Cns

8

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

1440L-HC-PD-20210727

DW

G

7/27/21 0855

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet

Blue Dry None

Relinquished by/Company: (Signature)

Date/Time: 7-27-21 1305

Received by/Company: (Signature) JW Pace HU

Relinquished by/Company: (Signature)

Date/Time: 7-27-21 1305

Received by/Company: (Signature) JW Pace HU

Relinquished by/Company: (Signature)

Date/Time: 7-27-21 1305

Received by/Company: (Signature) JW Pace HU

Relinquished by/Company: (Signature)

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Relinquished by/Company: (Signature)

Date/Time: 7-27-21 1305

Received by/Company: (Signature) JW Pace HU

Relinquished by/Company: (Signature)

Date/Time: 7-27-21 1305

Received by/Company: (Signature) JW Pace HU

August 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551860

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551860001	13926A_HC_RD_20210727	Water	07/27/21 11:55	07/27/21 13:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551860001	13926A_HC_RD_20210727	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

Sample: 13926A_HC_RD_20210727 Lab ID: 92551860001 Collected: 07/27/21 11:55 Received: 07/27/21 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 19:30		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 19:30		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 19:30		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 19:30		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		07/28/21 19:30	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		07/28/21 19:30	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/29/21 20:00	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 12:57	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 12:57	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 12:57	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 12:57	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 12:57	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 12:57	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 12:57	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 12:57	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 12:57	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 12:57	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 12:57	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 12:57	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 12:57	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 12:57	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 12:57	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 12:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 12:57	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 12:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 12:57	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 12:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 12:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 12:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 12:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 12:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 12:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 12:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 12:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 12:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 12:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 12:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 12:57	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

Sample: 13926A_HC_RD_20210727 Lab ID: 92551860001 Collected: 07/27/21 11:55 Received: 07/27/21 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 12:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 12:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 12:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 12:57	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 12:57	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 12:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 12:57	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 12:57	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 12:57	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 12:57	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 12:57	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 12:57	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 12:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 12:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 12:57	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 12:57	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 12:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 12:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 12:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 12:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 12:57	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 12:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 12:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 12:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 12:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 12:57	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 12:57	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 12:57	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 12:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		07/28/21 12:57	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		07/28/21 12:57	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		07/28/21 12:57	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

QC Batch: 636581

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551860001

METHOD BLANK: 3342380

Matrix: Water

Associated Lab Samples: 92551860001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/28/21 17:08	
4-Bromofluorobenzene (PID) (S)	%	88	70-130		07/28/21 17:08	

LABORATORY CONTROL SAMPLE & LCSD: 3342381

3342382

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	254	278	85	93	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	103	102	103	102	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				83	83	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

QC Batch: 636611

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92551860001

METHOD BLANK: 3342615

Matrix: Water

Associated Lab Samples: 92551860001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/29/21 19:05	

LABORATORY CONTROL SAMPLE: 3342616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3342617 3342618

Parameter	Units	92550299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	462	471	91	93	75-125	2	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551860

QC Batch: 636405	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551860001

METHOD BLANK: 3341366 Matrix: Water

Associated Lab Samples: 92551860001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/28/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/28/21 11:09	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/28/21 11:09	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/28/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/28/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/28/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/28/21 11:09	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/28/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/28/21 11:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/28/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/28/21 11:09	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/28/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/28/21 11:09	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Benzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromobenzene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Bromochloromethane	ug/L	ND	0.50	0.47	07/28/21 11:09	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
Bromoform	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromomethane	ug/L	ND	5.0	1.7	07/28/21 11:09	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/28/21 11:09	
Chlorobenzene	ug/L	ND	0.50	0.28	07/28/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	07/28/21 11:09	
Chloroform	ug/L	ND	0.50	0.35	07/28/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	07/28/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromomethane	ug/L	ND	0.50	0.39	07/28/21 11:09	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/28/21 11:09	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/28/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551860

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551860001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/28/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/28/21 11:09	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/28/21 11:09	
m&p-Xylene	ug/L	ND	1.0	0.71	07/28/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/28/21 11:09	
Methylene Chloride	ug/L	ND	2.0	2.0	07/28/21 11:09	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/28/21 11:09	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Naphthalene	ug/L	ND	2.0	0.64	07/28/21 11:09	
o-Xylene	ug/L	ND	0.50	0.34	07/28/21 11:09	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/28/21 11:09	
Styrene	ug/L	ND	0.50	0.29	07/28/21 11:09	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Toluene	ug/L	ND	0.50	0.48	07/28/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/28/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Trichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/28/21 11:09	
Vinyl chloride	ug/L	ND	1.0	0.39	07/28/21 11:09	
1,2-Dichloroethane-d4 (S)	%	96	70-130		07/28/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		07/28/21 11:09	
Toluene-d8 (S)	%	100	70-130		07/28/21 11:09	

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	60-140	
1,2-Dichlorobenzene	ug/L	50	49.4	99	60-140	
1,2-Dichloroethane	ug/L	50	44.3	89	60-140	
1,2-Dichloropropane	ug/L	50	46.9	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	50.0	100	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	47.2	94	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	48.2	96	60-140	
Bromodichloromethane	ug/L	50	46.6	93	60-140	
Bromoform	ug/L	50	48.2	96	60-140	
Bromomethane	ug/L	50	50.8	102	60-140	
Carbon tetrachloride	ug/L	50	47.3	95	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	54.2	108	60-140	
Chloroform	ug/L	50	45.6	91	60-140	
Chloromethane	ug/L	50	45.3	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	60-140	
Dibromochloromethane	ug/L	50	48.6	97	60-140	
Dibromomethane	ug/L	50	48.2	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	43.9	88	60-140	
Ethylbenzene	ug/L	50	48.4	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.6	89	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.7	97	60-140	
Naphthalene	ug/L	50	47.9	96	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.1	96	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	48.2	96	60-140	
Toluene	ug/L	50	45.8	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.8	92	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368				3341369								
		92551937001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	21.6	104	108	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.6	103	108	60-140	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.9	105	109	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.5	103	108	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.5	104	107	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.4	102	107	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.8	22.8	109	114	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.9	101	104	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	21.7	103	108	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	21.1	101	106	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.8	103	109	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.6	97	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	20.3	21.3	102	106	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Benzene	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	21.4	22.4	107	112	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	22.6	22.5	113	113	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.6	21.4	103	107	60-140	4	30	
Bromoform	ug/L	ND	20	20	19.5	20.5	97	102	60-140	5	30	
Bromomethane	ug/L	ND	20	20	10.8	17.9	54	90	60-140	49	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
Chlorobenzene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30	
Chloroethane	ug/L	ND	20	20	27.7	26.4	138	132	60-140	5	30	
Chloroform	ug/L	ND	20	20	20.7	21.0	103	105	60-140	2	30	
Chloromethane	ug/L	ND	20	20	18.3	18.7	92	94	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	103	107	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.2	102	106	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	41.2	42.7	103	107	60-140	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368 3341369											
Parameter	Units	92551937001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	30
Methylene Chloride	ug/L	ND	20	20	20.7	20.9	103	104	60-140	1	30
n-Butylbenzene	ug/L	ND	20	20	20.6	21.7	103	108	60-140	5	30
n-Propylbenzene	ug/L	ND	20	20	20.7	21.5	103	107	60-140	4	30
Naphthalene	ug/L	ND	20	20	19.9	21.3	99	107	60-140	7	30
o-Xylene	ug/L	ND	20	20	20.8	21.3	104	106	60-140	2	30
sec-Butylbenzene	ug/L	ND	20	20	20.5	21.5	102	107	60-140	5	30
Styrene	ug/L	ND	20	20	20.0	20.7	100	104	60-140	4	30
tert-Butylbenzene	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30
Tetrachloroethene	ug/L	ND	20	20	20.5	21.7	102	108	60-140	6	30
Toluene	ug/L	ND	20	20	20.9	21.9	105	110	60-140	5	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	22.0	109	110	60-140	1	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	102	107	60-140	4	30
Trichloroethene	ug/L	ND	20	20	21.5	22.4	108	112	60-140	4	30
Trichlorofluoromethane	ug/L	ND	20	20	20.9	22.1	104	110	60-140	5	30
Vinyl chloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30
1,2-Dichloroethane-d4 (S)	%						95	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						100	100	70-130		

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551860

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551860001	13926A_HC_RD_20210727	MADEP VPH	636581		
92551860001	13926A_HC_RD_20210727	EPA 3010A	636611	EPA 6010D	636653
92551860001	13926A_HC_RD_20210727	SM 6200B	636405		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

9255 1860

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551862

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551862001	13926B_HC_RD_20210727	Water	07/27/21 11:25	07/27/21 13:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551862001	13926B_HC_RD_20210727	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

Sample: 13926B_HC_RD_20210727 Lab ID: 92551862001 Collected: 07/27/21 11:25 Received: 07/27/21 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 19:59		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 19:59		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 19:59		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 19:59		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		07/28/21 19:59	460-00-4	
4-Bromofluorobenzene (PID) (S)	88	%	70-130		1		07/28/21 19:59	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/29/21 20:04	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 13:15	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 13:15	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 13:15	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 13:15	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 13:15	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 13:15	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 13:15	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 13:15	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 13:15	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 13:15	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 13:15	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 13:15	75-00-3	
Chloroform	8.6	ug/L	0.50	0.35	1		07/28/21 13:15	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 13:15	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 13:15	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 13:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 13:15	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 13:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 13:15	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 13:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 13:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 13:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 13:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 13:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 13:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 13:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 13:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 13:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 13:15	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

Sample: 13926B_HC_RD_20210727 Lab ID: 92551862001 Collected: 07/27/21 11:25 Received: 07/27/21 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 13:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 13:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 13:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 13:15	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 13:15	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 13:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 13:15	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 13:15	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 13:15	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 13:15	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 13:15	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:15	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 13:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 13:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 13:15	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 13:15	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 13:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 13:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 13:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 13:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 13:15	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 13:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 13:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 13:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 13:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 13:15	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 13:15	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 13:15	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 13:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		07/28/21 13:15	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/21 13:15	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/28/21 13:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

QC Batch:	636581	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92551862001

METHOD BLANK: 3342380 Matrix: Water

Associated Lab Samples: 92551862001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/28/21 17:08	
4-Bromofluorobenzene (PID) (S)	%	88	70-130		07/28/21 17:08	

LABORATORY CONTROL SAMPLE & LCSD: 3342381			3342382							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	254	278	85	93	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	103	102	103	102	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				83	83	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

QC Batch: 636611

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92551862001

METHOD BLANK: 3342615

Matrix: Water

Associated Lab Samples: 92551862001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/29/21 19:05	

LABORATORY CONTROL SAMPLE: 3342616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3342617 3342618

Parameter	Units	92550299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	462	471	91	93	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551862

QC Batch: 636405	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551862001

METHOD BLANK: 3341366 Matrix: Water
Associated Lab Samples: 92551862001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/28/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/28/21 11:09	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/28/21 11:09	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/28/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/28/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/28/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/28/21 11:09	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/28/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/28/21 11:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/28/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/28/21 11:09	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/28/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/28/21 11:09	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Benzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromobenzene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Bromochloromethane	ug/L	ND	0.50	0.47	07/28/21 11:09	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
Bromoform	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromomethane	ug/L	ND	5.0	1.7	07/28/21 11:09	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/28/21 11:09	
Chlorobenzene	ug/L	ND	0.50	0.28	07/28/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	07/28/21 11:09	
Chloroform	ug/L	ND	0.50	0.35	07/28/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	07/28/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromomethane	ug/L	ND	0.50	0.39	07/28/21 11:09	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/28/21 11:09	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/28/21 11:09	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551862001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/28/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/28/21 11:09	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/28/21 11:09	
m&p-Xylene	ug/L	ND	1.0	0.71	07/28/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/28/21 11:09	
Methylene Chloride	ug/L	ND	2.0	2.0	07/28/21 11:09	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/28/21 11:09	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Naphthalene	ug/L	ND	2.0	0.64	07/28/21 11:09	
o-Xylene	ug/L	ND	0.50	0.34	07/28/21 11:09	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/28/21 11:09	
Styrene	ug/L	ND	0.50	0.29	07/28/21 11:09	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Toluene	ug/L	ND	0.50	0.48	07/28/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/28/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Trichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/28/21 11:09	
Vinyl chloride	ug/L	ND	1.0	0.39	07/28/21 11:09	
1,2-Dichloroethane-d4 (S)	%	96	70-130		07/28/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		07/28/21 11:09	
Toluene-d8 (S)	%	100	70-130		07/28/21 11:09	

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	60-140	
1,2-Dichlorobenzene	ug/L	50	49.4	99	60-140	
1,2-Dichloroethane	ug/L	50	44.3	89	60-140	
1,2-Dichloropropane	ug/L	50	46.9	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	50.0	100	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	47.2	94	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	48.2	96	60-140	
Bromodichloromethane	ug/L	50	46.6	93	60-140	
Bromoform	ug/L	50	48.2	96	60-140	
Bromomethane	ug/L	50	50.8	102	60-140	
Carbon tetrachloride	ug/L	50	47.3	95	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	54.2	108	60-140	
Chloroform	ug/L	50	45.6	91	60-140	
Chloromethane	ug/L	50	45.3	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	60-140	
Dibromochloromethane	ug/L	50	48.6	97	60-140	
Dibromomethane	ug/L	50	48.2	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	43.9	88	60-140	
Ethylbenzene	ug/L	50	48.4	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.6	89	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.7	97	60-140	
Naphthalene	ug/L	50	47.9	96	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.1	96	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	48.2	96	60-140	
Toluene	ug/L	50	45.8	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.8	92	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368				3341369								
		92551937001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	21.6	104	108	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.6	103	108	60-140	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.9	105	109	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.5	103	108	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.5	104	107	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.4	102	107	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.8	22.8	109	114	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.9	101	104	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	21.7	103	108	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	21.1	101	106	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.8	103	109	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.6	97	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	20.3	21.3	102	106	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Benzene	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	21.4	22.4	107	112	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	22.6	22.5	113	113	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.6	21.4	103	107	60-140	4	30	
Bromoform	ug/L	ND	20	20	19.5	20.5	97	102	60-140	5	30	
Bromomethane	ug/L	ND	20	20	10.8	17.9	54	90	60-140	49	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
Chlorobenzene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30	
Chloroethane	ug/L	ND	20	20	27.7	26.4	138	132	60-140	5	30	
Chloroform	ug/L	ND	20	20	20.7	21.0	103	105	60-140	2	30	
Chloromethane	ug/L	ND	20	20	18.3	18.7	92	94	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	103	107	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.2	102	106	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	41.2	42.7	103	107	60-140	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368 3341369											
Parameter	Units	92551937001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20	20.6	20.9	103	104	60-140	1 30
Methylene Chloride	ug/L	ND	20	20	20	20.7	20.9	103	104	60-140	1 30
n-Butylbenzene	ug/L	ND	20	20	20	20.6	21.7	103	108	60-140	5 30
n-Propylbenzene	ug/L	ND	20	20	20	20.7	21.5	103	107	60-140	4 30
Naphthalene	ug/L	ND	20	20	20	19.9	21.3	99	107	60-140	7 30
o-Xylene	ug/L	ND	20	20	20	20.8	21.3	104	106	60-140	2 30
sec-Butylbenzene	ug/L	ND	20	20	20	20.5	21.5	102	107	60-140	5 30
Styrene	ug/L	ND	20	20	20	20.0	20.7	100	104	60-140	4 30
tert-Butylbenzene	ug/L	ND	20	20	20	17.6	18.3	88	92	60-140	4 30
Tetrachloroethene	ug/L	ND	20	20	20	20.5	21.7	102	108	60-140	6 30
Toluene	ug/L	ND	20	20	20	20.9	21.9	105	110	60-140	5 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	21.8	22.0	109	110	60-140	1 30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	20.5	21.4	102	107	60-140	4 30
Trichloroethene	ug/L	ND	20	20	20	21.5	22.4	108	112	60-140	4 30
Trichlorofluoromethane	ug/L	ND	20	20	20	20.9	22.1	104	110	60-140	5 30
Vinyl chloride	ug/L	ND	20	20	20	21.6	22.0	108	110	60-140	2 30
1,2-Dichloroethane-d4 (S)	%							95	95	70-130	
4-Bromofluorobenzene (S)	%							97	97	70-130	
Toluene-d8 (S)	%							100	100	70-130	

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551862

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551862001	13926B_HC_RD_20210727	MADEP VPH	636581		
92551862001	13926B_HC_RD_20210727	EPA 3010A	636611	EPA 6010D	636653
92551862001	13926B_HC_RD_20210727	SM 6200B	636405		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

92551862

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit(N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1						✓										7														
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551865

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551865001	13835_AC_RD_20210727	Water	07/27/21 10:30	07/27/21 13:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551865001	13835_AC_RD_20210727	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

Sample: 13835_AC_RD_20210727 Lab ID: 92551865001 Collected: 07/27/21 10:30 Received: 07/27/21 13:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 20:27		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 20:27		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 20:27		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 20:27		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		07/28/21 20:27	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		07/28/21 20:27	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/29/21 20:07	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 13:33	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 13:33	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 13:33	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 13:33	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 13:33	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 13:33	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 13:33	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 13:33	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 13:33	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 13:33	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 13:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 13:33	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 13:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 13:33	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 13:33	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 13:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 13:33	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 13:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 13:33	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 13:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 13:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 13:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 13:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 13:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 13:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 13:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 13:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 13:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 13:33	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

Sample: 13835_AC_RD_20210727 Lab ID: 92551865001 Collected: 07/27/21 10:30 Received: 07/27/21 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 13:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 13:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 13:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 13:33	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 13:33	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 13:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 13:33	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 13:33	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 13:33	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 13:33	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 13:33	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:33	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 13:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 13:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 13:33	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 13:33	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 13:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 13:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 13:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 13:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 13:33	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 13:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 13:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 13:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 13:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 13:33	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 13:33	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 13:33	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 13:33	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		07/28/21 13:33	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		07/28/21 13:33	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/28/21 13:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

QC Batch:	636581	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92551865001

METHOD BLANK: 3342380 Matrix: Water

Associated Lab Samples: 92551865001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/28/21 17:08	
4-Bromofluorobenzene (PID) (S)	%	88	70-130		07/28/21 17:08	

LABORATORY CONTROL SAMPLE & LCSD: 3342381			3342382							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	254	278	85	93	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	103	102	103	102	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				83	83	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

QC Batch: 636611

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92551865001

METHOD BLANK: 3342615

Matrix: Water

Associated Lab Samples: 92551865001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/29/21 19:05	

LABORATORY CONTROL SAMPLE: 3342616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3342617 3342618

Parameter	Units	92550299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	462	471	91	93	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551865

QC Batch: 636405	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551865001

METHOD BLANK: 3341366 Matrix: Water
Associated Lab Samples: 92551865001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/28/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/28/21 11:09	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/28/21 11:09	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/28/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/28/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/28/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/28/21 11:09	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/28/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/28/21 11:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/28/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/28/21 11:09	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/28/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/28/21 11:09	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Benzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromobenzene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Bromochloromethane	ug/L	ND	0.50	0.47	07/28/21 11:09	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
Bromoform	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromomethane	ug/L	ND	5.0	1.7	07/28/21 11:09	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/28/21 11:09	
Chlorobenzene	ug/L	ND	0.50	0.28	07/28/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	07/28/21 11:09	
Chloroform	ug/L	ND	0.50	0.35	07/28/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	07/28/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromomethane	ug/L	ND	0.50	0.39	07/28/21 11:09	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/28/21 11:09	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/28/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551865

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551865001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/28/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/28/21 11:09	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/28/21 11:09	
m&p-Xylene	ug/L	ND	1.0	0.71	07/28/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/28/21 11:09	
Methylene Chloride	ug/L	ND	2.0	2.0	07/28/21 11:09	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/28/21 11:09	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Naphthalene	ug/L	ND	2.0	0.64	07/28/21 11:09	
o-Xylene	ug/L	ND	0.50	0.34	07/28/21 11:09	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/28/21 11:09	
Styrene	ug/L	ND	0.50	0.29	07/28/21 11:09	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Toluene	ug/L	ND	0.50	0.48	07/28/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/28/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Trichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/28/21 11:09	
Vinyl chloride	ug/L	ND	1.0	0.39	07/28/21 11:09	
1,2-Dichloroethane-d4 (S)	%	96	70-130		07/28/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		07/28/21 11:09	
Toluene-d8 (S)	%	100	70-130		07/28/21 11:09	

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	60-140	
1,2-Dichlorobenzene	ug/L	50	49.4	99	60-140	
1,2-Dichloroethane	ug/L	50	44.3	89	60-140	
1,2-Dichloropropane	ug/L	50	46.9	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	50.0	100	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	47.2	94	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	48.2	96	60-140	
Bromodichloromethane	ug/L	50	46.6	93	60-140	
Bromoform	ug/L	50	48.2	96	60-140	
Bromomethane	ug/L	50	50.8	102	60-140	
Carbon tetrachloride	ug/L	50	47.3	95	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	54.2	108	60-140	
Chloroform	ug/L	50	45.6	91	60-140	
Chloromethane	ug/L	50	45.3	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	60-140	
Dibromochloromethane	ug/L	50	48.6	97	60-140	
Dibromomethane	ug/L	50	48.2	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	43.9	88	60-140	
Ethylbenzene	ug/L	50	48.4	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.6	89	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.7	97	60-140	
Naphthalene	ug/L	50	47.9	96	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.1	96	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	48.2	96	60-140	
Toluene	ug/L	50	45.8	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.8	92	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368				3341369								
		92551937001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	21.6	104	108	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.6	103	108	60-140	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.9	105	109	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.5	103	108	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.5	104	107	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.4	102	107	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.8	22.8	109	114	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.9	101	104	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	21.7	103	108	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	21.1	101	106	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.8	103	109	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.6	97	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	20.3	21.3	102	106	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Benzene	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	21.4	22.4	107	112	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	22.6	22.5	113	113	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.6	21.4	103	107	60-140	4	30	
Bromoform	ug/L	ND	20	20	19.5	20.5	97	102	60-140	5	30	
Bromomethane	ug/L	ND	20	20	10.8	17.9	54	90	60-140	49	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
Chlorobenzene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30	
Chloroethane	ug/L	ND	20	20	27.7	26.4	138	132	60-140	5	30	
Chloroform	ug/L	ND	20	20	20.7	21.0	103	105	60-140	2	30	
Chloromethane	ug/L	ND	20	20	18.3	18.7	92	94	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	103	107	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.2	102	106	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	41.2	42.7	103	107	60-140	4	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368 3341369											
Parameter	Units	92551937001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	30
Methylene Chloride	ug/L	ND	20	20	20.7	20.9	103	104	60-140	1	30
n-Butylbenzene	ug/L	ND	20	20	20.6	21.7	103	108	60-140	5	30
n-Propylbenzene	ug/L	ND	20	20	20.7	21.5	103	107	60-140	4	30
Naphthalene	ug/L	ND	20	20	19.9	21.3	99	107	60-140	7	30
o-Xylene	ug/L	ND	20	20	20.8	21.3	104	106	60-140	2	30
sec-Butylbenzene	ug/L	ND	20	20	20.5	21.5	102	107	60-140	5	30
Styrene	ug/L	ND	20	20	20.0	20.7	100	104	60-140	4	30
tert-Butylbenzene	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30
Tetrachloroethene	ug/L	ND	20	20	20.5	21.7	102	108	60-140	6	30
Toluene	ug/L	ND	20	20	20.9	21.9	105	110	60-140	5	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	22.0	109	110	60-140	1	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	102	107	60-140	4	30
Trichloroethene	ug/L	ND	20	20	21.5	22.4	108	112	60-140	4	30
Trichlorofluoromethane	ug/L	ND	20	20	20.9	22.1	104	110	60-140	5	30
Vinyl chloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30
1,2-Dichloroethane-d4 (S)	%						95	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						100	100	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551865

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551865001	13835_AC_RD_20210727	MADEP VPH	636581		
92551865001	13835_AC_RD_20210727	EPA 3010A	636611	EPA 6010D	636653
92551865001	13835_AC_RD_20210727	SM 6200B	636405		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)

Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2

Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

92551865

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

August 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551873

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551873001	14226_HC_RD_20210727	Water	07/27/21 09:50	07/27/21 13:05

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551873001	14226_HC_RD_20210727	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

Sample: 14226_HC_RD_20210727 Lab ID: 92551873001 Collected: 07/27/21 09:50 Received: 07/27/21 13:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 20:56		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 20:56		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 20:56		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 20:56		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	94	%	70-130		1		07/28/21 20:56	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		07/28/21 20:56	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/30/21 16:38	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 13:51	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 13:51	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 13:51	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 13:51	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 13:51	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 13:51	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 13:51	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 13:51	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 13:51	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 13:51	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 13:51	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 13:51	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 13:51	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 13:51	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 13:51	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 13:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 13:51	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 13:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 13:51	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 13:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 13:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 13:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 13:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 13:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 13:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 13:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 13:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 13:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 13:51	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

Sample: 14226_HC_RD_20210727 Lab ID: 92551873001 Collected: 07/27/21 09:50 Received: 07/27/21 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 13:51	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 13:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 13:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 13:51	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 13:51	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 13:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 13:51	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 13:51	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 13:51	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 13:51	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 13:51	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 13:51	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 13:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 13:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 13:51	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 13:51	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 13:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 13:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 13:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 13:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 13:51	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 13:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 13:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 13:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 13:51	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 13:51	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 13:51	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 13:51	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 13:51	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		07/28/21 13:51	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/21 13:51	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		07/28/21 13:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

QC Batch:	636581	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92551873001

METHOD BLANK: 3342380 Matrix: Water

Associated Lab Samples: 92551873001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/28/21 17:08	
4-Bromofluorobenzene (PID) (S)	%	88	70-130		07/28/21 17:08	

LABORATORY CONTROL SAMPLE & LCSD: 3342381

		3342382								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	254	278	85	93	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	103	102	103	102	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				83	83	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

QC Batch: 636611

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92551873001

METHOD BLANK: 3342615

Matrix: Water

Associated Lab Samples: 92551873001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/29/21 19:05	

LABORATORY CONTROL SAMPLE: 3342616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3342617 3342618

Parameter	Units	92550299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	462	471	91	93	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551873

QC Batch: 636405	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551873001

METHOD BLANK: 3341366 Matrix: Water
Associated Lab Samples: 92551873001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/28/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/28/21 11:09	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/28/21 11:09	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/28/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/28/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/28/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/28/21 11:09	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/28/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/28/21 11:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/28/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/28/21 11:09	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/28/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/28/21 11:09	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Benzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromobenzene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Bromochloromethane	ug/L	ND	0.50	0.47	07/28/21 11:09	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
Bromoform	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromomethane	ug/L	ND	5.0	1.7	07/28/21 11:09	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/28/21 11:09	
Chlorobenzene	ug/L	ND	0.50	0.28	07/28/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	07/28/21 11:09	
Chloroform	ug/L	ND	0.50	0.35	07/28/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	07/28/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromomethane	ug/L	ND	0.50	0.39	07/28/21 11:09	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/28/21 11:09	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/28/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551873001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/28/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/28/21 11:09	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/28/21 11:09	
m&p-Xylene	ug/L	ND	1.0	0.71	07/28/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/28/21 11:09	
Methylene Chloride	ug/L	ND	2.0	2.0	07/28/21 11:09	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/28/21 11:09	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Naphthalene	ug/L	ND	2.0	0.64	07/28/21 11:09	
o-Xylene	ug/L	ND	0.50	0.34	07/28/21 11:09	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/28/21 11:09	
Styrene	ug/L	ND	0.50	0.29	07/28/21 11:09	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Toluene	ug/L	ND	0.50	0.48	07/28/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/28/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Trichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/28/21 11:09	
Vinyl chloride	ug/L	ND	1.0	0.39	07/28/21 11:09	
1,2-Dichloroethane-d4 (S)	%	96	70-130		07/28/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		07/28/21 11:09	
Toluene-d8 (S)	%	100	70-130		07/28/21 11:09	

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	60-140	
1,2-Dichlorobenzene	ug/L	50	49.4	99	60-140	
1,2-Dichloroethane	ug/L	50	44.3	89	60-140	
1,2-Dichloropropane	ug/L	50	46.9	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	50.0	100	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	47.2	94	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	48.2	96	60-140	
Bromodichloromethane	ug/L	50	46.6	93	60-140	
Bromoform	ug/L	50	48.2	96	60-140	
Bromomethane	ug/L	50	50.8	102	60-140	
Carbon tetrachloride	ug/L	50	47.3	95	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	54.2	108	60-140	
Chloroform	ug/L	50	45.6	91	60-140	
Chloromethane	ug/L	50	45.3	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	60-140	
Dibromochloromethane	ug/L	50	48.6	97	60-140	
Dibromomethane	ug/L	50	48.2	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	43.9	88	60-140	
Ethylbenzene	ug/L	50	48.4	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.6	89	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.7	97	60-140	
Naphthalene	ug/L	50	47.9	96	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.1	96	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	48.2	96	60-140	
Toluene	ug/L	50	45.8	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.8	92	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368				3341369								
		92551937001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	21.6	104	108	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.6	103	108	60-140	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.9	105	109	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.5	103	108	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.5	104	107	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.4	102	107	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.8	22.8	109	114	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.9	101	104	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	21.7	103	108	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	21.1	101	106	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.8	103	109	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.6	97	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	20.3	21.3	102	106	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Benzene	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	21.4	22.4	107	112	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	22.6	22.5	113	113	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.6	21.4	103	107	60-140	4	30	
Bromoform	ug/L	ND	20	20	19.5	20.5	97	102	60-140	5	30	
Bromomethane	ug/L	ND	20	20	10.8	17.9	54	90	60-140	49	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
Chlorobenzene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30	
Chloroethane	ug/L	ND	20	20	27.7	26.4	138	132	60-140	5	30	
Chloroform	ug/L	ND	20	20	20.7	21.0	103	105	60-140	2	30	
Chloromethane	ug/L	ND	20	20	18.3	18.7	92	94	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	103	107	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.2	102	106	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	41.2	42.7	103	107	60-140	4	30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368				3341369									
Parameter	Units	92551937001	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	20.9	103	104	60-140		1	30	
Methylene Chloride	ug/L	ND	20	20	20.7	20.9	103	104	60-140		1	30	
n-Butylbenzene	ug/L	ND	20	20	20.6	21.7	103	108	60-140		5	30	
n-Propylbenzene	ug/L	ND	20	20	20.7	21.5	103	107	60-140		4	30	
Naphthalene	ug/L	ND	20	20	19.9	21.3	99	107	60-140		7	30	
o-Xylene	ug/L	ND	20	20	20.8	21.3	104	106	60-140		2	30	
sec-Butylbenzene	ug/L	ND	20	20	20.5	21.5	102	107	60-140		5	30	
Styrene	ug/L	ND	20	20	20.0	20.7	100	104	60-140		4	30	
tert-Butylbenzene	ug/L	ND	20	20	17.6	18.3	88	92	60-140		4	30	
Tetrachloroethene	ug/L	ND	20	20	20.5	21.7	102	108	60-140		6	30	
Toluene	ug/L	ND	20	20	20.9	21.9	105	110	60-140		5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	22.0	109	110	60-140		1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	102	107	60-140		4	30	
Trichloroethene	ug/L	ND	20	20	21.5	22.4	108	112	60-140		4	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.9	22.1	104	110	60-140		5	30	
Vinyl chloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140		2	30	
1,2-Dichloroethane-d4 (S)	%						95	95	70-130				
4-Bromofluorobenzene (S)	%						97	97	70-130				
Toluene-d8 (S)	%						100	100	70-130				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551873

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551873001	14226_HC_RD_20210727	MADEP VPH	636581		
92551873001	14226_HC_RD_20210727	EPA 3010A	636611	EPA 6010D	636653
92551873001	14226_HC_RD_20210727	SM 6200B	636405		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

LAB U

MO#: 92551873

Number or

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Contail:

92551873

Lab Project Manager:

Company: Apex Companies

Address: Andrew Street

Report To: Andrew Street

Copy To: Andrew Street

Customer Project Name/Number: 2020-4-2448 Incident

Phone: NC 1 Huntersville

Email: nc1@huntersville.com

Collected By (print): Naomi Fetz

Collected By (signature): Naomi Fetz

Sample Disposal: ASAP

☐ Dispose as appropriate ☐ Return ☐ Archive: ASAP

☐ Hold: ASAP

Site/Facility ID #: NC 1 Huntersville

Purchase Order #: ASAP

Quote #: ASAP

Turnaround Date Required: ASAP

Rush: ☐ Same Day ☐ Next Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day

Field Filtered (if applicable): ☐ Yes ☐ No

Analysis: ASAP

Time Zone Collected: PT MT CT ET

Compliance Monitoring? ☐ Yes ☐ No

DW PWS ID #: ASAP

DW Location Code: ASAP

Immediately Packed on Ice: ☐ Yes ☐ No

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID: 14226-HC-0026210727

Matrix: DW

Comp / Grab: G

Collected (or Composite Start) Date: 7/27/21 Time: 0950

Composite End Date: 7/27/21 Time: 0950

Res CI: 8

of Ctns: 8

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: BB

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N NA

Lab Tracking #: 2632727

Samples received via: Client FEDEX UPS Client

Table #: MTIL LAB USE ONLY

Accum: MTIL LAB USE ONLY

Template: MTIL LAB USE ONLY

Prelogin: MTIL LAB USE ONLY

PM: MTIL LAB USE ONLY

PB: MTIL LAB USE ONLY

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 921064

Cooler 1 Temp Upon Receipt: 1.6 OC

Cooler 1 Therm Corr. Factor: -1 OC

Cooler 1 Corrected Temp: 1.5 OC

Comments: 2632727

Lab Sample Receipt Checklist:

Custody Seals Present/Intact: Y N NA

Custody Signatures Present: Y N NA

Collector Signatures Present: Y N NA

Bottles Intact: Y N NA

Correct Bottles: Y N NA

Sufficient Volume: Y N NA

Samples Received on Ice: Y N NA

VOA - Headspace Acceptable: Y N NA

USDA Regulated Soils: Y N NA

Samples in Holding Time: Y N NA

Residual Chlorine Present: Y N NA

Cl Strips: Y N NA

Sample pH Acceptable: Y N NA

pH Strips: 2.5/4.4 Y N NA

Sulfide Present: Y N NA

Lead Acetate Strips: Y N NA

LAB USE ONLY:

Lab Sample # / Comments: 92551873

Lab Sample #: 92551873

Lab Sample Receipt Checklist:

Custody Seals Present/Intact: Y N NA

Custody Signatures Present: Y N NA

Collector Signatures Present: Y N NA

Bottles Intact: Y N NA

Correct Bottles: Y N NA

Sufficient Volume: Y N NA

Samples Received on Ice: Y N NA

VOA - Headspace Acceptable: Y N NA

USDA Regulated Soils: Y N NA

Samples in Holding Time: Y N NA

Residual Chlorine Present: Y N NA

Cl Strips: Y N NA

Sample pH Acceptable: Y N NA

pH Strips: 2.5/4.4 Y N NA

Sulfide Present: Y N NA

Lead Acetate Strips: Y N NA

Lab Sample Receipt Checklist:

Custody Seals Present/Intact: Y N NA

Custody Signatures Present: Y N NA

Collector Signatures Present: Y N NA

Bottles Intact: Y N NA

Correct Bottles: Y N NA

Sufficient Volume: Y N NA

Samples Received on Ice: Y N NA

VOA - Headspace Acceptable: Y N NA

USDA Regulated Soils: Y N NA

Samples in Holding Time: Y N NA

Residual Chlorine Present: Y N NA

Cl Strips: Y N NA

Sample pH Acceptable: Y N NA

pH Strips: 2.5/4.4 Y N NA

Sulfide Present: Y N NA

Lead Acetate Strips: Y N NA

Lab Sample Receipt Checklist:

Custody Seals Present/Intact: Y N NA

Custody Signatures Present: Y N NA

Collector Signatures Present: Y N NA

Bottles Intact: Y N NA

Correct Bottles: Y N NA

Sufficient Volume: Y N NA

Samples Received on Ice: Y N NA

VOA - Headspace Acceptable: Y N NA

USDA Regulated Soils: Y N NA

Samples in Holding Time: Y N NA

Residual Chlorine Present: Y N NA

Cl Strips: Y N NA

Sample pH Acceptable: Y N NA

pH Strips: 2.5/4.4 Y N NA

Sulfide Present: Y N NA

Lead Acetate Strips: Y N NA

Lab Sample Receipt Checklist:

Custody Seals Present/Intact: Y N NA

Custody Signatures Present: Y N NA

Collector Signatures Present: Y N NA

Bottles Intact: Y N NA

Correct Bottles: Y N NA

Sufficient Volume: Y N NA

Samples Received on Ice: Y N NA

VOA - Headspace Acceptable: Y N NA

USDA Regulated Soils: Y N NA

Samples in Holding Time: Y N NA

Residual Chlorine Present: Y N NA

Cl Strips: Y N NA

Sample pH Acceptable: Y N NA

pH Strips: 2.5/4.4 Y N NA

Sulfide Present: Y N NA

Lead Acetate Strips: Y N NA

	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

92551873

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551875

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551875001	13800_HC_RD_20210727	Water	07/27/21 07:50	07/27/21 13:05

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551875001	13800_HC_RD_20210727	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

Sample: 13800_HC_RD_20210727 Lab ID: 92551875001 Collected: 07/27/21 07:50 Received: 07/27/21 13:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 21:24		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 21:24		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 21:24		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 21:24		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		07/28/21 21:24	460-00-4	
4-Bromofluorobenzene (PID) (S)	89	%	70-130		1		07/28/21 21:24	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/30/21 16:41	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 14:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 14:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 14:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 14:09	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 14:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 14:09	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 14:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 14:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 14:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 14:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 14:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 14:09	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 14:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 14:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 14:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 14:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 14:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 14:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 14:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 14:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 14:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 14:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 14:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 14:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 14:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 14:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 14:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 14:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 14:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 14:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 14:09	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

Sample: 13800_HC_RD_20210727 Lab ID: 92551875001 Collected: 07/27/21 07:50 Received: 07/27/21 13:05 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 14:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 14:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 14:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 14:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 14:09	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 14:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 14:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 14:09	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 14:09	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 14:09	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 14:09	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 14:09	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 14:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 14:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 14:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 14:09	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 14:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 14:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 14:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 14:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 14:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 14:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 14:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 14:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 14:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 14:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 14:09	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 14:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 14:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		07/28/21 14:09	17060-07-0	
4-Bromofluorobenzene (S)	95	%	70-130		1		07/28/21 14:09	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/28/21 14:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

QC Batch: 636581

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551875001

METHOD BLANK: 3342380

Matrix: Water

Associated Lab Samples: 92551875001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/28/21 17:08	
4-Bromofluorobenzene (PID) (S)	%	88	70-130		07/28/21 17:08	

LABORATORY CONTROL SAMPLE & LCSD: 3342381

3342382

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	254	278	85	93	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	103	102	103	102	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				83	83	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

QC Batch: 636611

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92551875001

METHOD BLANK: 3342615

Matrix: Water

Associated Lab Samples: 92551875001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/29/21 19:05	

LABORATORY CONTROL SAMPLE: 3342616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3342617 3342618

Parameter	Units	92550299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	462	471	91	93	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551875

QC Batch: 636405	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551875001

METHOD BLANK: 3341366 Matrix: Water
Associated Lab Samples: 92551875001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/28/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/28/21 11:09	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/28/21 11:09	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/28/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/28/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/28/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/28/21 11:09	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/28/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/28/21 11:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/28/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/28/21 11:09	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/28/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/28/21 11:09	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Benzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromobenzene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Bromochloromethane	ug/L	ND	0.50	0.47	07/28/21 11:09	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
Bromoform	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromomethane	ug/L	ND	5.0	1.7	07/28/21 11:09	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/28/21 11:09	
Chlorobenzene	ug/L	ND	0.50	0.28	07/28/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	07/28/21 11:09	
Chloroform	ug/L	ND	0.50	0.35	07/28/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	07/28/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromomethane	ug/L	ND	0.50	0.39	07/28/21 11:09	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/28/21 11:09	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/28/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551875

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551875001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/28/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/28/21 11:09	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/28/21 11:09	
m&p-Xylene	ug/L	ND	1.0	0.71	07/28/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/28/21 11:09	
Methylene Chloride	ug/L	ND	2.0	2.0	07/28/21 11:09	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/28/21 11:09	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Naphthalene	ug/L	ND	2.0	0.64	07/28/21 11:09	
o-Xylene	ug/L	ND	0.50	0.34	07/28/21 11:09	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/28/21 11:09	
Styrene	ug/L	ND	0.50	0.29	07/28/21 11:09	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Toluene	ug/L	ND	0.50	0.48	07/28/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/28/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Trichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/28/21 11:09	
Vinyl chloride	ug/L	ND	1.0	0.39	07/28/21 11:09	
1,2-Dichloroethane-d4 (S)	%	96	70-130		07/28/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		07/28/21 11:09	
Toluene-d8 (S)	%	100	70-130		07/28/21 11:09	

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	60-140	
1,2-Dichlorobenzene	ug/L	50	49.4	99	60-140	
1,2-Dichloroethane	ug/L	50	44.3	89	60-140	
1,2-Dichloropropane	ug/L	50	46.9	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	50.0	100	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	47.2	94	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	48.2	96	60-140	
Bromodichloromethane	ug/L	50	46.6	93	60-140	
Bromoform	ug/L	50	48.2	96	60-140	
Bromomethane	ug/L	50	50.8	102	60-140	
Carbon tetrachloride	ug/L	50	47.3	95	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	54.2	108	60-140	
Chloroform	ug/L	50	45.6	91	60-140	
Chloromethane	ug/L	50	45.3	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	60-140	
Dibromochloromethane	ug/L	50	48.6	97	60-140	
Dibromomethane	ug/L	50	48.2	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	43.9	88	60-140	
Ethylbenzene	ug/L	50	48.4	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.6	89	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.7	97	60-140	
Naphthalene	ug/L	50	47.9	96	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.1	96	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	48.2	96	60-140	
Toluene	ug/L	50	45.8	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.8	92	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368 3341369											
Parameter	Units	92551937001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	21.6	104	108	60-140	4	30
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.6	103	108	60-140	4	30
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30
1,1-Dichloroethane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30
1,1-Dichloroethene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	30
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.9	105	109	60-140	4	30
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.5	103	108	60-140	4	30
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.5	104	107	60-140	4	30
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.4	102	107	60-140	4	30
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.8	22.8	109	114	60-140	5	30
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	60-140	2	30
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.9	101	104	60-140	3	30
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	21.7	103	108	60-140	5	30
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	21.1	101	106	60-140	4	30
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.8	103	109	60-140	6	30
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.6	97	98	60-140	1	30
2-Chlorotoluene	ug/L	ND	20	20	20.3	21.3	102	106	60-140	5	30
4-Chlorotoluene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30
Benzene	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30
Bromobenzene	ug/L	ND	20	20	21.4	22.4	107	112	60-140	5	30
Bromochloromethane	ug/L	ND	20	20	22.6	22.5	113	113	60-140	0	30
Bromodichloromethane	ug/L	ND	20	20	20.6	21.4	103	107	60-140	4	30
Bromoform	ug/L	ND	20	20	19.5	20.5	97	102	60-140	5	30
Bromomethane	ug/L	ND	20	20	10.8	17.9	54	90	60-140	49	30 M1,R1
Carbon tetrachloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30
Chlorobenzene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30
Chloroethane	ug/L	ND	20	20	27.7	26.4	138	132	60-140	5	30
Chloroform	ug/L	ND	20	20	20.7	21.0	103	105	60-140	2	30
Chloromethane	ug/L	ND	20	20	18.3	18.7	92	94	60-140	2	30
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	103	107	60-140	4	30
Dibromochloromethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30
Dibromomethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.2	102	106	60-140	4	30
Diisopropyl ether	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30
Ethylbenzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	30
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	30
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30
m&p-Xylene	ug/L	ND	40	40	41.2	42.7	103	107	60-140	4	30

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368 3341369												
		92551937001	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	20.7	20.9	103	104	60-140	1	30	
n-Butylbenzene	ug/L	ND	20	20	20.6	21.7	103	108	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	20.7	21.5	103	107	60-140	4	30	
Naphthalene	ug/L	ND	20	20	19.9	21.3	99	107	60-140	7	30	
o-Xylene	ug/L	ND	20	20	20.8	21.3	104	106	60-140	2	30	
sec-Butylbenzene	ug/L	ND	20	20	20.5	21.5	102	107	60-140	5	30	
Styrene	ug/L	ND	20	20	20.0	20.7	100	104	60-140	4	30	
tert-Butylbenzene	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	20.5	21.7	102	108	60-140	6	30	
Toluene	ug/L	ND	20	20	20.9	21.9	105	110	60-140	5	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	22.0	109	110	60-140	1	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	102	107	60-140	4	30	
Trichloroethene	ug/L	ND	20	20	21.5	22.4	108	112	60-140	4	30	
Trichlorofluoromethane	ug/L	ND	20	20	20.9	22.1	104	110	60-140	5	30	
Vinyl chloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
1,2-Dichloroethane-d4 (S)	%						95	95	70-130			
4-Bromofluorobenzene (S)	%						97	97	70-130			
Toluene-d8 (S)	%						100	100	70-130			

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551875

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551875001	13800_HC_RD_20210727	MADEP VPH	636581		
92551875001	13800_HC_RD_20210727	EPA 3010A	636611	EPA 6010D	636653
92551875001	13800_HC_RD_20210727	SM 6200B	636405		

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92551875

PM: AMB

Due Date: 08/03/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 02, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92551882

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92551882001	DUP-1	Water	07/27/21 00:00	07/27/21 13:05
92551882002	FB-1	Water	07/27/21 00:00	07/27/21 13:05
92551882003	TRIP BLANK	Water	07/27/21 00:00	07/27/21 13:05

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92551882001	DUP-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92551882002	FB-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	SAS	63	PASI-C
92551882003	TRIP BLANK	SM 6200B	SAS	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Sample: DUP-1		Lab ID: 92551882001		Collected: 07/27/21 00:00		Received: 07/27/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 21:53		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 21:53		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 21:53		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 21:53		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1		07/28/21 21:53	460-00-4	
4-Bromofluorobenzene (PID) (S)	85	%	70-130		1		07/28/21 21:53	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/30/21 16:44	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 14:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 14:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 14:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 14:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 14:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 14:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 14:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 14:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 14:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 14:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 14:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 14:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 14:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 14:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 14:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 14:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 14:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 14:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 14:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 14:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 14:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 14:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 14:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 14:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 14:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 14:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 14:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 14:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 14:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 14:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 14:27	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Sample: DUP-1		Lab ID: 92551882001		Collected: 07/27/21 00:00		Received: 07/27/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 14:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 14:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 14:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 14:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 14:27	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 14:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 14:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 14:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 14:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 14:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 14:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 14:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 14:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 14:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 14:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 14:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 14:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 14:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 14:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 14:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 14:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 14:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 14:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 14:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 14:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 14:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 14:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 14:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 14:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		07/28/21 14:27	17060-07-0	
4-Bromofluorobenzene (S)	98	%	70-130		1		07/28/21 14:27	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/28/21 14:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Sample: FB-1 Lab ID: 92551882002 Collected: 07/27/21 00:00 Received: 07/27/21 13:05 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		07/28/21 22:21		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		07/28/21 22:21		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		07/28/21 22:21		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		07/28/21 22:21		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	95	%	70-130		1		07/28/21 22:21	460-00-4	
4-Bromofluorobenzene (PID) (S)	86	%	70-130		1		07/28/21 22:21	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	07/29/21 03:13	07/30/21 16:47	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 11:27	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 11:27	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 11:27	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 11:27	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 11:27	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 11:27	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 11:27	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 11:27	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 11:27	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 11:27	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 11:27	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 11:27	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 11:27	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 11:27	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 11:27	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 11:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 11:27	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 11:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 11:27	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 11:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 11:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 11:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 11:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 11:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 11:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 11:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 11:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 11:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 11:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 11:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 11:27	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Sample: FB-1		Lab ID: 92551882002		Collected: 07/27/21 00:00		Received: 07/27/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 11:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 11:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 11:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 11:27	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 11:27	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 11:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 11:27	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 11:27	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 11:27	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 11:27	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 11:27	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 11:27	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 11:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 11:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 11:27	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 11:27	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 11:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 11:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 11:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 11:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 11:27	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 11:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 11:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 11:27	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 11:27	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 11:27	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 11:27	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 11:27	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 11:27	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		07/28/21 11:27	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		07/28/21 11:27	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/28/21 11:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Sample: TRIP BLANK		Lab ID: 92551882003		Collected: 07/27/21 00:00		Received: 07/27/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		07/28/21 11:45	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		07/28/21 11:45	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		07/28/21 11:45	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		07/28/21 11:45	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		07/28/21 11:45	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		07/28/21 11:45	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		07/28/21 11:45	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		07/28/21 11:45	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		07/28/21 11:45	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		07/28/21 11:45	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		07/28/21 11:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		07/28/21 11:45	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		07/28/21 11:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		07/28/21 11:45	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 11:45	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		07/28/21 11:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		07/28/21 11:45	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		07/28/21 11:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		07/28/21 11:45	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		07/28/21 11:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 11:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		07/28/21 11:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		07/28/21 11:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		07/28/21 11:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		07/28/21 11:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 11:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		07/28/21 11:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 11:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		07/28/21 11:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		07/28/21 11:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		07/28/21 11:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		07/28/21 11:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		07/28/21 11:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 11:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		07/28/21 11:45	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		07/28/21 11:45	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		07/28/21 11:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		07/28/21 11:45	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		07/28/21 11:45	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		07/28/21 11:45	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		07/28/21 11:45	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		07/28/21 11:45	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		07/28/21 11:45	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		07/28/21 11:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		07/28/21 11:45	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Sample: TRIP BLANK		Lab ID: 92551882003		Collected: 07/27/21 00:00		Received: 07/27/21 13:05		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		07/28/21 11:45	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		07/28/21 11:45	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		07/28/21 11:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		07/28/21 11:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		07/28/21 11:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		07/28/21 11:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		07/28/21 11:45	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		07/28/21 11:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		07/28/21 11:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		07/28/21 11:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		07/28/21 11:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		07/28/21 11:45	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		07/28/21 11:45	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		07/28/21 11:45	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		07/28/21 11:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		07/28/21 11:45	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		07/28/21 11:45	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		07/28/21 11:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

QC Batch: 636581

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551882001, 92551882002

METHOD BLANK: 3342380

Matrix: Water

Associated Lab Samples: 92551882001, 92551882002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	07/28/21 17:08	N2
4-Bromofluorobenzene (FID) (S)	%	99	70-130		07/28/21 17:08	
4-Bromofluorobenzene (PID) (S)	%	88	70-130		07/28/21 17:08	

LABORATORY CONTROL SAMPLE & LCSD: 3342381

3342382

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	254	278	85	93	70-130	9	25	N2
Aromatic (C09-C10)	ug/L	100	103	102	103	102	70-130	0	25	N2
4-Bromofluorobenzene (FID) (S)	%				95	97	70-130			
4-Bromofluorobenzene (PID) (S)	%				83	83	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

QC Batch: 636611

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92551882001, 92551882002

METHOD BLANK: 3342615

Matrix: Water

Associated Lab Samples: 92551882001, 92551882002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	07/29/21 19:05	

LABORATORY CONTROL SAMPLE: 3342616

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	505	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3342617 3342618

Parameter	Units	92550299001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	462	471	91	93	75-125	2	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

QC Batch: 636405

Analysis Method: SM 6200B

QC Batch Method: SM 6200B

Analysis Description: 6200B MSV

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92551882001, 92551882002, 92551882003

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551882001, 92551882002, 92551882003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	07/28/21 11:09	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	07/28/21 11:09	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	07/28/21 11:09	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	07/28/21 11:09	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	07/28/21 11:09	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	07/28/21 11:09	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	07/28/21 11:09	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	07/28/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	07/28/21 11:09	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	07/28/21 11:09	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	07/28/21 11:09	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	07/28/21 11:09	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	07/28/21 11:09	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	07/28/21 11:09	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	07/28/21 11:09	
2-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
4-Chlorotoluene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Benzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromobenzene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Bromochloromethane	ug/L	ND	0.50	0.47	07/28/21 11:09	
Bromodichloromethane	ug/L	ND	0.50	0.31	07/28/21 11:09	
Bromoform	ug/L	ND	0.50	0.34	07/28/21 11:09	
Bromomethane	ug/L	ND	5.0	1.7	07/28/21 11:09	
Carbon tetrachloride	ug/L	ND	0.50	0.33	07/28/21 11:09	
Chlorobenzene	ug/L	ND	0.50	0.28	07/28/21 11:09	
Chloroethane	ug/L	ND	1.0	0.65	07/28/21 11:09	
Chloroform	ug/L	ND	0.50	0.35	07/28/21 11:09	
Chloromethane	ug/L	ND	1.0	0.54	07/28/21 11:09	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromochloromethane	ug/L	ND	0.50	0.36	07/28/21 11:09	
Dibromomethane	ug/L	ND	0.50	0.39	07/28/21 11:09	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	07/28/21 11:09	
Diisopropyl ether	ug/L	ND	0.50	0.31	07/28/21 11:09	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

METHOD BLANK: 3341366

Matrix: Water

Associated Lab Samples: 92551882001, 92551882002, 92551882003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	07/28/21 11:09	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	07/28/21 11:09	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	07/28/21 11:09	
m&p-Xylene	ug/L	ND	1.0	0.71	07/28/21 11:09	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	07/28/21 11:09	
Methylene Chloride	ug/L	ND	2.0	2.0	07/28/21 11:09	
n-Butylbenzene	ug/L	ND	0.50	0.49	07/28/21 11:09	
n-Propylbenzene	ug/L	ND	0.50	0.34	07/28/21 11:09	
Naphthalene	ug/L	ND	2.0	0.64	07/28/21 11:09	
o-Xylene	ug/L	ND	0.50	0.34	07/28/21 11:09	
sec-Butylbenzene	ug/L	ND	0.50	0.40	07/28/21 11:09	
Styrene	ug/L	ND	0.50	0.29	07/28/21 11:09	
tert-Butylbenzene	ug/L	ND	0.50	0.32	07/28/21 11:09	
Tetrachloroethene	ug/L	ND	0.50	0.29	07/28/21 11:09	
Toluene	ug/L	ND	0.50	0.48	07/28/21 11:09	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	07/28/21 11:09	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	07/28/21 11:09	
Trichloroethene	ug/L	ND	0.50	0.38	07/28/21 11:09	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	07/28/21 11:09	
Vinyl chloride	ug/L	ND	1.0	0.39	07/28/21 11:09	
1,2-Dichloroethane-d4 (S)	%	96	70-130		07/28/21 11:09	
4-Bromofluorobenzene (S)	%	97	70-130		07/28/21 11:09	
Toluene-d8 (S)	%	100	70-130		07/28/21 11:09	

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.2	96	60-140	
1,1,1-Trichloroethane	ug/L	50	45.1	90	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	60-140	
1,1,2-Trichloroethane	ug/L	50	45.7	91	60-140	
1,1-Dichloroethane	ug/L	50	47.0	94	60-140	
1,1-Dichloroethene	ug/L	50	47.8	96	60-140	
1,1-Dichloropropene	ug/L	50	47.0	94	60-140	
1,2,3-Trichlorobenzene	ug/L	50	49.8	100	60-140	
1,2,3-Trichloropropane	ug/L	50	46.0	92	60-140	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	60-140	
1,2,4-Trimethylbenzene	ug/L	50	48.8	98	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	46.9	94	60-140	
1,2-Dichlorobenzene	ug/L	50	49.4	99	60-140	
1,2-Dichloroethane	ug/L	50	44.3	89	60-140	
1,2-Dichloropropane	ug/L	50	46.9	94	60-140	
1,3,5-Trimethylbenzene	ug/L	50	49.0	98	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

LABORATORY CONTROL SAMPLE: 3341367

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.9	100	60-140	
1,3-Dichloropropane	ug/L	50	48.0	96	60-140	
1,4-Dichlorobenzene	ug/L	50	50.0	100	60-140	
2,2-Dichloropropane	ug/L	50	47.6	95	60-140	
2-Chlorotoluene	ug/L	50	49.2	98	60-140	
4-Chlorotoluene	ug/L	50	46.8	94	60-140	
Benzene	ug/L	50	47.2	94	60-140	
Bromobenzene	ug/L	50	50.2	100	60-140	
Bromochloromethane	ug/L	50	48.2	96	60-140	
Bromodichloromethane	ug/L	50	46.6	93	60-140	
Bromoform	ug/L	50	48.2	96	60-140	
Bromomethane	ug/L	50	50.8	102	60-140	
Carbon tetrachloride	ug/L	50	47.3	95	60-140	
Chlorobenzene	ug/L	50	49.5	99	60-140	
Chloroethane	ug/L	50	54.2	108	60-140	
Chloroform	ug/L	50	45.6	91	60-140	
Chloromethane	ug/L	50	45.3	91	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.0	94	60-140	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	60-140	
Dibromochloromethane	ug/L	50	48.6	97	60-140	
Dibromomethane	ug/L	50	48.2	96	60-140	
Dichlorodifluoromethane	ug/L	50	50.3	101	60-140	
Diisopropyl ether	ug/L	50	43.9	88	60-140	
Ethylbenzene	ug/L	50	48.4	97	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.2	100	60-140	
m&p-Xylene	ug/L	100	96.8	97	60-140	
Methyl-tert-butyl ether	ug/L	50	44.6	89	60-140	
Methylene Chloride	ug/L	50	44.8	90	60-140	
n-Butylbenzene	ug/L	50	50.1	100	60-140	
n-Propylbenzene	ug/L	50	48.7	97	60-140	
Naphthalene	ug/L	50	47.9	96	60-140	
o-Xylene	ug/L	50	49.0	98	60-140	
sec-Butylbenzene	ug/L	50	48.1	96	60-140	
Styrene	ug/L	50	49.3	99	60-140	
tert-Butylbenzene	ug/L	50	41.0	82	60-140	
Tetrachloroethene	ug/L	50	48.2	96	60-140	
Toluene	ug/L	50	45.8	92	60-140	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	60-140	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	60-140	
Trichloroethene	ug/L	50	47.5	95	60-140	
Trichlorofluoromethane	ug/L	50	45.8	92	60-140	
Vinyl chloride	ug/L	50	49.3	99	60-140	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368				3341369								
		92551937001	MS	MSD								
Parameter	Units	Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	20.7	21.6	104	108	60-140	4	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	20.7	21.6	103	108	60-140	4	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	21.7	21.4	108	107	60-140	1	30	
1,1-Dichloroethane	ug/L	ND	20	20	21.3	22.2	106	111	60-140	4	30	
1,1-Dichloroethene	ug/L	ND	20	20	21.6	22.4	108	112	60-140	4	30	
1,1-Dichloropropene	ug/L	ND	20	20	21.1	21.9	105	109	60-140	4	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	20.6	21.5	103	108	60-140	4	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	20.7	21.5	104	107	60-140	4	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	20.4	21.4	102	107	60-140	4	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.8	22.8	109	114	60-140	5	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	20.3	21.3	101	106	60-140	5	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	20.5	21.0	103	105	60-140	2	30	
1,2-Dichloroethane	ug/L	ND	20	20	20.2	20.9	101	104	60-140	3	30	
1,2-Dichloropropane	ug/L	ND	20	20	21.6	21.9	108	109	60-140	1	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	20.7	21.7	103	108	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	20.2	21.1	101	106	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	20.6	21.8	103	109	60-140	6	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.2	21.0	101	105	60-140	4	30	
2,2-Dichloropropane	ug/L	ND	20	20	19.4	19.6	97	98	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	20.3	21.3	102	106	60-140	5	30	
4-Chlorotoluene	ug/L	ND	20	20	19.5	20.5	98	103	60-140	5	30	
Benzene	ug/L	ND	20	20	21.3	22.4	107	112	60-140	5	30	
Bromobenzene	ug/L	ND	20	20	21.4	22.4	107	112	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	22.6	22.5	113	113	60-140	0	30	
Bromodichloromethane	ug/L	ND	20	20	20.6	21.4	103	107	60-140	4	30	
Bromoform	ug/L	ND	20	20	19.5	20.5	97	102	60-140	5	30	
Bromomethane	ug/L	ND	20	20	10.8	17.9	54	90	60-140	49	30	M1,R1
Carbon tetrachloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30	
Chlorobenzene	ug/L	ND	20	20	21.4	22.1	107	110	60-140	3	30	
Chloroethane	ug/L	ND	20	20	27.7	26.4	138	132	60-140	5	30	
Chloroform	ug/L	ND	20	20	20.7	21.0	103	105	60-140	2	30	
Chloromethane	ug/L	ND	20	20	18.3	18.7	92	94	60-140	2	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	21.2	21.8	106	109	60-140	3	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	103	107	60-140	4	30	
Dibromochloromethane	ug/L	ND	20	20	21.0	21.6	105	108	60-140	3	30	
Dibromomethane	ug/L	ND	20	20	22.0	22.2	110	111	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	20.4	21.2	102	106	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.6	100	103	60-140	3	30	
Ethylbenzene	ug/L	ND	20	20	21.2	21.9	106	109	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	21.5	104	107	60-140	3	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	21.6	22.1	108	111	60-140	2	30	
m&p-Xylene	ug/L	ND	40	40	41.2	42.7	103	107	60-140	4	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3341368 3341369											
Parameter	Units	92551937001		MS		MSD		MS		MSD	
		Result	Conc.	Spike	Conc.	Result	Conc.	% Rec	% Rec	Limits	Max
										RPD	RPD
Methyl-tert-butyl ether	ug/L	ND	20	20	20.6	20.9	103	104	60-140	1	30
Methylene Chloride	ug/L	ND	20	20	20.7	20.9	103	104	60-140	1	30
n-Butylbenzene	ug/L	ND	20	20	20.6	21.7	103	108	60-140	5	30
n-Propylbenzene	ug/L	ND	20	20	20.7	21.5	103	107	60-140	4	30
Naphthalene	ug/L	ND	20	20	19.9	21.3	99	107	60-140	7	30
o-Xylene	ug/L	ND	20	20	20.8	21.3	104	106	60-140	2	30
sec-Butylbenzene	ug/L	ND	20	20	20.5	21.5	102	107	60-140	5	30
Styrene	ug/L	ND	20	20	20.0	20.7	100	104	60-140	4	30
tert-Butylbenzene	ug/L	ND	20	20	17.6	18.3	88	92	60-140	4	30
Tetrachloroethene	ug/L	ND	20	20	20.5	21.7	102	108	60-140	6	30
Toluene	ug/L	ND	20	20	20.9	21.9	105	110	60-140	5	30
trans-1,2-Dichloroethene	ug/L	ND	20	20	21.8	22.0	109	110	60-140	1	30
trans-1,3-Dichloropropene	ug/L	ND	20	20	20.5	21.4	102	107	60-140	4	30
Trichloroethene	ug/L	ND	20	20	21.5	22.4	108	112	60-140	4	30
Trichlorofluoromethane	ug/L	ND	20	20	20.9	22.1	104	110	60-140	5	30
Vinyl chloride	ug/L	ND	20	20	21.6	22.0	108	110	60-140	2	30
1,2-Dichloroethane-d4 (S)	%						95	95	70-130		
4-Bromofluorobenzene (S)	%						97	97	70-130		
Toluene-d8 (S)	%						100	100	70-130		

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

R1 RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92551882

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92551882001	DUP-1	MADEP VPH	636581		
92551882002	FB-1	MADEP VPH	636581		
92551882001	DUP-1	EPA 3010A	636611	EPA 6010D	636653
92551882002	FB-1	EPA 3010A	636611	EPA 6010D	636653
92551882001	DUP-1	SM 6200B	636405		
92551882002	FB-1	SM 6200B	636405		
92551882003	TRIP BLANK	SM 6200B	636405		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

LAB USE

MO# : 92551882

Number or

Company: Apex Companies

Address: Apex Companies

Contact

92551882

Report To: Andrew Street

Email To: Andrew.Street@apexcos.com

Copy To:

Site Collection Info/Address:

Customer Project Name/Number:

2020-11-2448

Incident

State: NC County/City: Huntersville Time Zone Collected: PT MT CT ET

Phone:

Site/Facility ID #:

Compliance Monitoring? Yes No

Collected By (print):

Maam Tetz

Purchase Order #:

DW PWS ID #:

Collected By (signature):

Maam Tetz

Turnaround Date Required:

Immediately Packed on Ice: Yes No

Sample Disposal:

ASAP

Rush: Yes No

Field Filtered (if applicable): Yes No

Disposal as appropriate Return

1 2 Day 1 3 Day 1 4 Day 1 5 Day

Analysis: UOCs 6200B

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

Res Cl

of Ctns

UOCs 6200B

MADEP UPH

Lead

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

Res Cl

of Ctns

UOCs 6200B

MADEP UPH

Lead

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

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Composite End Date Time

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Composite End Date Time

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Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

Res Cl

of Ctns

UOCs 6200B

MADEP UPH

Lead

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

Res Cl

of Ctns

UOCs 6200B</



*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

92551882

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-SO3S kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1						✓										7														
2						✓										7														
3																2														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 10, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553032

Dear Andrew Street:

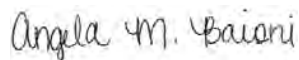
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553032001	14401_HC_RD_20210803	Water	08/03/21 08:45	08/03/21 12:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553032001	14401_HC_RD_20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

Sample: 14401_HC_RD_20210803 Lab ID: 92553032001 Collected: 08/03/21 08:45 Received: 08/03/21 12:25 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 08:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 08:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 08:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 08:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/05/21 08:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/05/21 08:10	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/06/21 13:20	08/09/21 19:31	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 23:37	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 23:37	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 23:37	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 23:37	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 23:37	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 23:37	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 23:37	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 23:37	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 23:37	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 23:37	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 23:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 23:37	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 23:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 23:37	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:37	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 23:37	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 23:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 23:37	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 23:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 23:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 23:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 23:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 23:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 23:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 23:37	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

Sample: 14401_HC_RD_20210803 Lab ID: 92553032001 Collected: 08/03/21 08:45 Received: 08/03/21 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 23:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 23:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:37	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 23:37	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 23:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 23:37	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 23:37	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 23:37	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 23:37	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 23:37	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:37	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 23:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 23:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 23:37	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 23:37	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 23:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 23:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 23:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 23:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:37	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 23:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 23:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 23:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:37	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 23:37	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 23:37	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 23:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/03/21 23:37	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/03/21 23:37	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/03/21 23:37	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553032

QC Batch: 638122	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553032001

METHOD BLANK: 3350296 Matrix: Water

Associated Lab Samples: 92553032001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		08/04/21 16:02	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		08/04/21 16:02	

LABORATORY CONTROL SAMPLE & LCSD: 3350297

LABORATORY CONTROL SAMPLE & LCSD: 3350297			3350298							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	386	358	129	119	70-130	8	25	N2
Aromatic (C09-C10)	ug/L	100	115	113	115	113	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	103	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

QC Batch: 638560

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553032001

METHOD BLANK: 3352242

Matrix: Water

Associated Lab Samples: 92553032001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/09/21 17:51	

LABORATORY CONTROL SAMPLE: 3352243

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	514	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352244 3352245

Parameter	Units	92552154006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	455	496	91	99	75-125	9	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553032

QC Batch: 637774	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553032001

METHOD BLANK: 3348301 Matrix: Water

Associated Lab Samples: 92553032001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:08	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:08	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:08	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:08	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553032

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92553032001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:08	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:08	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:08	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:08	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:08	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:08	
1,2-Dichloroethane-d4 (S)	%	101	70-130		08/03/21 22:08	
4-Bromofluorobenzene (S)	%	103	70-130		08/03/21 22:08	
Toluene-d8 (S)	%	101	70-130		08/03/21 22:08	

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	60-140	
1,1,1-Trichloroethane	ug/L	50	53.5	107	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethene	ug/L	50	55.8	112	60-140	
1,1-Dichloropropene	ug/L	50	56.4	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.8	106	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,2-Dichloroethane	ug/L	50	50.6	101	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.5	103	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,3-Dichloropropane	ug/L	50	50.3	101	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	54.3	109	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	52.6	105	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.4	109	60-140	
Bromodichloromethane	ug/L	50	49.7	99	60-140	
Bromoform	ug/L	50	46.8	94	60-140	
Bromomethane	ug/L	50	61.6	123	60-140	
Carbon tetrachloride	ug/L	50	55.3	111	60-140	
Chlorobenzene	ug/L	50	50.3	101	60-140	
Chloroethane	ug/L	50	38.6	77	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	55.2	110	60-140	
Diisopropyl ether	ug/L	50	49.8	100	60-140	
Ethylbenzene	ug/L	50	51.7	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	47.4	95	60-140	
n-Butylbenzene	ug/L	50	52.3	105	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	50.5	101	60-140	
tert-Butylbenzene	ug/L	50	42.3	85	60-140	
Tetrachloroethene	ug/L	50	52.2	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	53.4	107	60-140	
Trichlorofluoromethane	ug/L	50	51.5	103	60-140	
Vinyl chloride	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303				3348304									
Parameter	Units	92553065006	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	24.2	22.0	121	110	60-140	10	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.6	20.6	113	103	60-140	9	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	23.6	21.2	118	106	60-140	11	30		
1,1-Dichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1-Dichloroethene	ug/L	ND	20	20	28.8	25.3	144	126	60-140	13	30	M1	
1,1-Dichloropropene	ug/L	ND	20	20	28.3	25.2	142	126	60-140	11	30	M1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.0	23.1	120	115	60-140	4	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	22.7	20.6	114	103	60-140	10	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.8	22.7	119	114	60-140	5	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.3	22.1	117	111	60-140	5	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.2	20.6	106	103	60-140	3	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.1	21.0	121	105	60-140	14	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	20.9	110	105	60-140	5	30		
1,2-Dichloroethane	ug/L	ND	20	20	25.1	22.3	125	112	60-140	12	30		
1,2-Dichloropropane	ug/L	ND	20	20	25.4	22.8	127	114	60-140	11	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	22.7	21.3	114	106	60-140	6	30		
1,3-Dichloropropane	ug/L	ND	20	20	24.6	21.9	123	109	60-140	12	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.2	114	111	60-140	3	30		
2,2-Dichloropropane	ug/L	ND	20	20	28.4	24.9	142	124	60-140	13	30	M1	
2-Chlorotoluene	ug/L	ND	20	20	23.2	21.7	116	109	60-140	6	30		
4-Chlorotoluene	ug/L	ND	20	20	21.9	20.8	109	104	60-140	5	30		
Benzene	ug/L	ND	20	20	26.6	23.7	133	118	60-140	12	30		
Bromobenzene	ug/L	ND	20	20	22.7	21.2	113	106	60-140	7	30		
Bromochloromethane	ug/L	ND	20	20	26.4	23.6	132	118	60-140	11	30		
Bromodichloromethane	ug/L	ND	20	20	24.4	22.1	122	110	60-140	10	30		
Bromoform	ug/L	ND	20	20	21.8	19.5	109	97	60-140	11	30		
Bromomethane	ug/L	ND	20	20	33.3	30.3	164	148	60-140	10	30	M1	
Carbon tetrachloride	ug/L	ND	20	20	28.5	25.6	142	128	60-140	11	30	M1	
Chlorobenzene	ug/L	ND	20	20	24.3	21.9	121	110	60-140	10	30		
Chloroethane	ug/L	ND	20	20	24.7	21.4	124	107	60-140	15	30		
Chloroform	ug/L	ND	20	20	23.9	21.6	119	108	60-140	10	30		
Chloromethane	ug/L	ND	20	20	24.9	21.8	124	109	60-140	13	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	26.6	23.4	133	117	60-140	13	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.6	22.4	123	112	60-140	9	30		
Dibromochloromethane	ug/L	ND	20	20	24.2	21.6	121	108	60-140	11	30		
Dibromomethane	ug/L	ND	20	20	24.1	21.8	121	109	60-140	10	30		
Dichlorodifluoromethane	ug/L	ND	20	20	28.7	25.0	143	125	60-140	14	30	M1	
Diisopropyl ether	ug/L	ND	20	20	23.8	20.7	119	104	60-140	14	30		
Ethylbenzene	ug/L	ND	20	20	24.8	22.8	124	114	60-140	9	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.2	25.2	146	126	60-140	15	30	M1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.1	23.0	126	115	60-140	9	30		
m&p-Xylene	ug/L	ND	40	40	49.7	45.4	124	114	60-140	9	30		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303 3348304											
Parameter	Units	92553065006		MS	MSD	MS		MS	MSD	% Rec Limits	Max RPD
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec		
Methyl-tert-butyl ether	ug/L	ND	20	20	20	25.4	22.5	127	113	60-140	12 30
Methylene Chloride	ug/L	ND	20	20	20	23.5	20.2	118	101	60-140	15 30
n-Butylbenzene	ug/L	ND	20	20	20	24.9	23.1	125	115	60-140	8 30
n-Propylbenzene	ug/L	ND	20	20	20	23.5	22.3	118	112	60-140	5 30
Naphthalene	ug/L	ND	20	20	20	20.7	20.4	104	102	60-140	2 30
o-Xylene	ug/L	ND	20	20	20	23.9	22.2	120	111	60-140	7 30
sec-Butylbenzene	ug/L	ND	20	20	20	24.2	22.6	121	113	60-140	7 30
Styrene	ug/L	ND	20	20	20	23.7	21.9	119	109	60-140	8 30
tert-Butylbenzene	ug/L	ND	20	20	20	19.9	19.0	100	95	60-140	5 30
Tetrachloroethene	ug/L	ND	20	20	20	25.4	22.7	127	114	60-140	11 30
Toluene	ug/L	ND	20	20	20	25.1	22.7	126	113	60-140	10 30
trans-1,2-Dichloroethene	ug/L	ND	20	20	20	28.3	24.6	141	123	60-140	14 30 M1
trans-1,3-Dichloropropene	ug/L	ND	20	20	20	23.3	21.0	116	105	60-140	10 30
Trichloroethene	ug/L	ND	20	20	20	26.9	24.0	134	120	60-140	11 30
Trichlorofluoromethane	ug/L	ND	20	20	20	27.4	24.3	137	122	60-140	12 30
Vinyl chloride	ug/L	ND	20	20	20	27.3	23.8	137	119	60-140	14 30
1,2-Dichloroethane-d4 (S)	%							105	99	70-130	
4-Bromofluorobenzene (S)	%							101	99	70-130	
Toluene-d8 (S)	%							99	99	70-130	

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553032

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553032001	14401_HC_RD_20210803	MADEP VPH	638122		
92553032001	14401_HC_RD_20210803	EPA 3010A	638560	EPA 6010D	638703
92553032001	14401_HC_RD_20210803	SM 6200B	637774		

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2

Issuing Authority:
North Carolina Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92553032

PM: AMB

Due Date: 08/10/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit(N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																7													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

August 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553034

Dear Andrew Street:

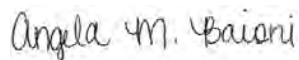
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553034001	13926A_HC_RD_20210803	Water	08/03/21 11:30	08/03/21 12:25

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553034001	13926A_HC_RD_20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

Sample: 13926A_HC_RD_20210803 Lab ID: 92553034001 Collected: 08/03/21 11:30 Received: 08/03/21 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 08:38		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 08:38		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 08:38		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 08:38		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/05/21 08:38	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/05/21 08:38	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/06/21 03:31	08/06/21 20:24	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		08/03/21 23:54	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/03/21 23:54	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/03/21 23:54	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/03/21 23:54	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/03/21 23:54	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/03/21 23:54	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/03/21 23:54	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/03/21 23:54	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/03/21 23:54	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/03/21 23:54	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/03/21 23:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/03/21 23:54	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/03/21 23:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/03/21 23:54	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:54	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/03/21 23:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/03/21 23:54	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/03/21 23:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/03/21 23:54	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/03/21 23:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/03/21 23:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/03/21 23:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/03/21 23:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/03/21 23:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/03/21 23:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/03/21 23:54	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

Sample: 13926A_HC_RD_20210803 Lab ID: 92553034001 Collected: 08/03/21 11:30 Received: 08/03/21 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/03/21 23:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/03/21 23:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/03/21 23:54	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/03/21 23:54	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/03/21 23:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/03/21 23:54	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/03/21 23:54	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/03/21 23:54	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/03/21 23:54	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/03/21 23:54	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/03/21 23:54	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/03/21 23:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/03/21 23:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/03/21 23:54	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/03/21 23:54	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/03/21 23:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/03/21 23:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/03/21 23:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/03/21 23:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/03/21 23:54	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/03/21 23:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/03/21 23:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/03/21 23:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/03/21 23:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/03/21 23:54	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/03/21 23:54	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/03/21 23:54	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/03/21 23:54	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/03/21 23:54	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/03/21 23:54	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/03/21 23:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

QC Batch: 638122	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553034001

METHOD BLANK: 3350296 Matrix: Water

Associated Lab Samples: 92553034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		08/04/21 16:02	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		08/04/21 16:02	

LABORATORY CONTROL SAMPLE & LCSD: 3350297

		3350298								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	386	358	129	119	70-130	8	25	N2
Aromatic (C09-C10)	ug/L	100	115	113	115	113	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	103	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

QC Batch: 638464

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553034001

METHOD BLANK: 3351958

Matrix: Water

Associated Lab Samples: 92553034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 19:13	

LABORATORY CONTROL SAMPLE: 3351959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	493	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351960 3351961

Parameter	Units	92552747001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	512	487	102	97	75-125	5	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553034

QC Batch: 637774	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553034001

METHOD BLANK: 3348301 Matrix: Water
Associated Lab Samples: 92553034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:08	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:08	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:08	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:08	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:08	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553034

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92553034001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:08	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:08	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:08	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:08	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:08	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:08	
1,2-Dichloroethane-d4 (S)	%	101	70-130		08/03/21 22:08	
4-Bromofluorobenzene (S)	%	103	70-130		08/03/21 22:08	
Toluene-d8 (S)	%	101	70-130		08/03/21 22:08	

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	60-140	
1,1,1-Trichloroethane	ug/L	50	53.5	107	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethene	ug/L	50	55.8	112	60-140	
1,1-Dichloropropene	ug/L	50	56.4	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.8	106	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,2-Dichloroethane	ug/L	50	50.6	101	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.5	103	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,3-Dichloropropane	ug/L	50	50.3	101	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	54.3	109	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	52.6	105	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.4	109	60-140	
Bromodichloromethane	ug/L	50	49.7	99	60-140	
Bromoform	ug/L	50	46.8	94	60-140	
Bromomethane	ug/L	50	61.6	123	60-140	
Carbon tetrachloride	ug/L	50	55.3	111	60-140	
Chlorobenzene	ug/L	50	50.3	101	60-140	
Chloroethane	ug/L	50	38.6	77	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	55.2	110	60-140	
Diisopropyl ether	ug/L	50	49.8	100	60-140	
Ethylbenzene	ug/L	50	51.7	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	47.4	95	60-140	
n-Butylbenzene	ug/L	50	52.3	105	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	50.5	101	60-140	
tert-Butylbenzene	ug/L	50	42.3	85	60-140	
Tetrachloroethene	ug/L	50	52.2	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	53.4	107	60-140	
Trichlorofluoromethane	ug/L	50	51.5	103	60-140	
Vinyl chloride	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303				3348304									
Parameter	Units	92553065006	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	24.2	22.0	121	110	60-140	10	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.6	20.6	113	103	60-140	9	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	23.6	21.2	118	106	60-140	11	30		
1,1-Dichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1-Dichloroethene	ug/L	ND	20	20	28.8	25.3	144	126	60-140	13	30	M1	
1,1-Dichloropropene	ug/L	ND	20	20	28.3	25.2	142	126	60-140	11	30	M1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.0	23.1	120	115	60-140	4	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	22.7	20.6	114	103	60-140	10	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.8	22.7	119	114	60-140	5	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.3	22.1	117	111	60-140	5	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.2	20.6	106	103	60-140	3	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.1	21.0	121	105	60-140	14	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	20.9	110	105	60-140	5	30		
1,2-Dichloroethane	ug/L	ND	20	20	25.1	22.3	125	112	60-140	12	30		
1,2-Dichloropropane	ug/L	ND	20	20	25.4	22.8	127	114	60-140	11	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	22.7	21.3	114	106	60-140	6	30		
1,3-Dichloropropane	ug/L	ND	20	20	24.6	21.9	123	109	60-140	12	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.2	114	111	60-140	3	30		
2,2-Dichloropropane	ug/L	ND	20	20	28.4	24.9	142	124	60-140	13	30	M1	
2-Chlorotoluene	ug/L	ND	20	20	23.2	21.7	116	109	60-140	6	30		
4-Chlorotoluene	ug/L	ND	20	20	21.9	20.8	109	104	60-140	5	30		
Benzene	ug/L	ND	20	20	26.6	23.7	133	118	60-140	12	30		
Bromobenzene	ug/L	ND	20	20	22.7	21.2	113	106	60-140	7	30		
Bromochloromethane	ug/L	ND	20	20	26.4	23.6	132	118	60-140	11	30		
Bromodichloromethane	ug/L	ND	20	20	24.4	22.1	122	110	60-140	10	30		
Bromoform	ug/L	ND	20	20	21.8	19.5	109	97	60-140	11	30		
Bromomethane	ug/L	ND	20	20	33.3	30.3	164	148	60-140	10	30	M1	
Carbon tetrachloride	ug/L	ND	20	20	28.5	25.6	142	128	60-140	11	30	M1	
Chlorobenzene	ug/L	ND	20	20	24.3	21.9	121	110	60-140	10	30		
Chloroethane	ug/L	ND	20	20	24.7	21.4	124	107	60-140	15	30		
Chloroform	ug/L	ND	20	20	23.9	21.6	119	108	60-140	10	30		
Chloromethane	ug/L	ND	20	20	24.9	21.8	124	109	60-140	13	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	26.6	23.4	133	117	60-140	13	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.6	22.4	123	112	60-140	9	30		
Dibromochloromethane	ug/L	ND	20	20	24.2	21.6	121	108	60-140	11	30		
Dibromomethane	ug/L	ND	20	20	24.1	21.8	121	109	60-140	10	30		
Dichlorodifluoromethane	ug/L	ND	20	20	28.7	25.0	143	125	60-140	14	30	M1	
Diisopropyl ether	ug/L	ND	20	20	23.8	20.7	119	104	60-140	14	30		
Ethylbenzene	ug/L	ND	20	20	24.8	22.8	124	114	60-140	9	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.2	25.2	146	126	60-140	15	30	M1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.1	23.0	126	115	60-140	9	30		
m&p-Xylene	ug/L	ND	40	40	49.7	45.4	124	114	60-140	9	30		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303 3348304													
Parameter	Units	92553065006	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	25.4	22.5	127	113	60-140	12	30		
Methylene Chloride	ug/L	ND	20	20	23.5	20.2	118	101	60-140	15	30		
n-Butylbenzene	ug/L	ND	20	20	24.9	23.1	125	115	60-140	8	30		
n-Propylbenzene	ug/L	ND	20	20	23.5	22.3	118	112	60-140	5	30		
Naphthalene	ug/L	ND	20	20	20.7	20.4	104	102	60-140	2	30		
o-Xylene	ug/L	ND	20	20	23.9	22.2	120	111	60-140	7	30		
sec-Butylbenzene	ug/L	ND	20	20	24.2	22.6	121	113	60-140	7	30		
Styrene	ug/L	ND	20	20	23.7	21.9	119	109	60-140	8	30		
tert-Butylbenzene	ug/L	ND	20	20	19.9	19.0	100	95	60-140	5	30		
Tetrachloroethene	ug/L	ND	20	20	25.4	22.7	127	114	60-140	11	30		
Toluene	ug/L	ND	20	20	25.1	22.7	126	113	60-140	10	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	28.3	24.6	141	123	60-140	14	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.3	21.0	116	105	60-140	10	30		
Trichloroethene	ug/L	ND	20	20	26.9	24.0	134	120	60-140	11	30		
Trichlorofluoromethane	ug/L	ND	20	20	27.4	24.3	137	122	60-140	12	30		
Vinyl chloride	ug/L	ND	20	20	27.3	23.8	137	119	60-140	14	30		
1,2-Dichloroethane-d4 (S)	%						105	99	70-130				
4-Bromofluorobenzene (S)	%						101	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553034

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553034001	13926A_HC_RD_20210803	MADEP VPH	638122		
92553034001	13926A_HC_RD_20210803	EPA 3010A	638464	EPA 6010D	638508
92553034001	13926A_HC_RD_20210803	SM 6200B	637774		

REPORT OF LABORATORY ANALYSIS

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August 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553036

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553036001	13835_AC_RD_20210803	Water	08/03/21 10:25	08/03/21 12:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553036001	13835_AC_RD_20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

Sample: 13835_AC_RD_20210803 Lab ID: 92553036001 Collected: 08/03/21 10:25 Received: 08/03/21 12:25 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 09:07		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 09:07		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 09:07		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 09:07		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	96	%	70-130		1		08/05/21 09:07	460-00-4	
4-Bromofluorobenzene (PID) (S)	100	%	70-130		1		08/05/21 09:07	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/06/21 03:31	08/06/21 20:27	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 00:12	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 00:12	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 00:12	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 00:12	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 00:12	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 00:12	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 00:12	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 00:12	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 00:12	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 00:12	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 00:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 00:12	75-00-3	
Chloroform	0.96	ug/L	0.50	0.35	1		08/04/21 00:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 00:12	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:12	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 00:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 00:12	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 00:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 00:12	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 00:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 00:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 00:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 00:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 00:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 00:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 00:12	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

Sample: 13835_AC_RD_20210803 Lab ID: 92553036001 Collected: 08/03/21 10:25 Received: 08/03/21 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 00:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 00:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 00:12	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 00:12	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 00:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 00:12	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 00:12	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 00:12	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 00:12	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 00:12	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 00:12	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 00:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 00:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 00:12	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 00:12	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 00:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 00:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 00:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 00:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 00:12	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 00:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 00:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 00:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 00:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 00:12	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 00:12	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 00:12	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 00:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 00:12	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/04/21 00:12	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 00:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553036

QC Batch: 638122	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553036001

METHOD BLANK: 3350296 Matrix: Water

Associated Lab Samples: 92553036001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		08/04/21 16:02	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		08/04/21 16:02	

LABORATORY CONTROL SAMPLE & LCSD: 3350297

LABORATORY CONTROL SAMPLE & LCSD: 3350297			3350298							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	386	358	129	119	70-130	8	25	N2
Aromatic (C09-C10)	ug/L	100	115	113	115	113	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	103	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

QC Batch: 638464

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553036001

METHOD BLANK: 3351958

Matrix: Water

Associated Lab Samples: 92553036001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 19:13	

LABORATORY CONTROL SAMPLE: 3351959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	493	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351960 3351961

Parameter	Units	92552747001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	512	487	102	97	75-125	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553036

QC Batch: 637774	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553036001

METHOD BLANK: 3348301 Matrix: Water
Associated Lab Samples: 92553036001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:08	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:08	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:08	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:08	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:08	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553036

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92553036001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:08	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:08	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:08	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:08	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:08	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:08	
1,2-Dichloroethane-d4 (S)	%	101	70-130		08/03/21 22:08	
4-Bromofluorobenzene (S)	%	103	70-130		08/03/21 22:08	
Toluene-d8 (S)	%	101	70-130		08/03/21 22:08	

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	60-140	
1,1,1-Trichloroethane	ug/L	50	53.5	107	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethene	ug/L	50	55.8	112	60-140	
1,1-Dichloropropene	ug/L	50	56.4	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.8	106	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,2-Dichloroethane	ug/L	50	50.6	101	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.5	103	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,3-Dichloropropane	ug/L	50	50.3	101	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	54.3	109	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	52.6	105	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.4	109	60-140	
Bromodichloromethane	ug/L	50	49.7	99	60-140	
Bromoform	ug/L	50	46.8	94	60-140	
Bromomethane	ug/L	50	61.6	123	60-140	
Carbon tetrachloride	ug/L	50	55.3	111	60-140	
Chlorobenzene	ug/L	50	50.3	101	60-140	
Chloroethane	ug/L	50	38.6	77	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	55.2	110	60-140	
Diisopropyl ether	ug/L	50	49.8	100	60-140	
Ethylbenzene	ug/L	50	51.7	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	47.4	95	60-140	
n-Butylbenzene	ug/L	50	52.3	105	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	50.5	101	60-140	
tert-Butylbenzene	ug/L	50	42.3	85	60-140	
Tetrachloroethene	ug/L	50	52.2	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	53.4	107	60-140	
Trichlorofluoromethane	ug/L	50	51.5	103	60-140	
Vinyl chloride	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303				3348304									
Parameter	Units	92553065006	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	24.2	22.0	121	110	60-140	10	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.6	20.6	113	103	60-140	9	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	23.6	21.2	118	106	60-140	11	30		
1,1-Dichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1-Dichloroethene	ug/L	ND	20	20	28.8	25.3	144	126	60-140	13	30	M1	
1,1-Dichloropropene	ug/L	ND	20	20	28.3	25.2	142	126	60-140	11	30	M1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.0	23.1	120	115	60-140	4	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	22.7	20.6	114	103	60-140	10	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.8	22.7	119	114	60-140	5	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.3	22.1	117	111	60-140	5	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.2	20.6	106	103	60-140	3	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.1	21.0	121	105	60-140	14	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	20.9	110	105	60-140	5	30		
1,2-Dichloroethane	ug/L	ND	20	20	25.1	22.3	125	112	60-140	12	30		
1,2-Dichloropropane	ug/L	ND	20	20	25.4	22.8	127	114	60-140	11	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	22.7	21.3	114	106	60-140	6	30		
1,3-Dichloropropane	ug/L	ND	20	20	24.6	21.9	123	109	60-140	12	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.2	114	111	60-140	3	30		
2,2-Dichloropropane	ug/L	ND	20	20	28.4	24.9	142	124	60-140	13	30	M1	
2-Chlorotoluene	ug/L	ND	20	20	23.2	21.7	116	109	60-140	6	30		
4-Chlorotoluene	ug/L	ND	20	20	21.9	20.8	109	104	60-140	5	30		
Benzene	ug/L	ND	20	20	26.6	23.7	133	118	60-140	12	30		
Bromobenzene	ug/L	ND	20	20	22.7	21.2	113	106	60-140	7	30		
Bromochloromethane	ug/L	ND	20	20	26.4	23.6	132	118	60-140	11	30		
Bromodichloromethane	ug/L	ND	20	20	24.4	22.1	122	110	60-140	10	30		
Bromoform	ug/L	ND	20	20	21.8	19.5	109	97	60-140	11	30		
Bromomethane	ug/L	ND	20	20	33.3	30.3	164	148	60-140	10	30	M1	
Carbon tetrachloride	ug/L	ND	20	20	28.5	25.6	142	128	60-140	11	30	M1	
Chlorobenzene	ug/L	ND	20	20	24.3	21.9	121	110	60-140	10	30		
Chloroethane	ug/L	ND	20	20	24.7	21.4	124	107	60-140	15	30		
Chloroform	ug/L	ND	20	20	23.9	21.6	119	108	60-140	10	30		
Chloromethane	ug/L	ND	20	20	24.9	21.8	124	109	60-140	13	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	26.6	23.4	133	117	60-140	13	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.6	22.4	123	112	60-140	9	30		
Dibromochloromethane	ug/L	ND	20	20	24.2	21.6	121	108	60-140	11	30		
Dibromomethane	ug/L	ND	20	20	24.1	21.8	121	109	60-140	10	30		
Dichlorodifluoromethane	ug/L	ND	20	20	28.7	25.0	143	125	60-140	14	30	M1	
Diisopropyl ether	ug/L	ND	20	20	23.8	20.7	119	104	60-140	14	30		
Ethylbenzene	ug/L	ND	20	20	24.8	22.8	124	114	60-140	9	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.2	25.2	146	126	60-140	15	30	M1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.1	23.0	126	115	60-140	9	30		
m&p-Xylene	ug/L	ND	40	40	49.7	45.4	124	114	60-140	9	30		

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303 3348304													
Parameter	Units	92553065006	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	25.4	22.5	127	113	60-140	12	30		
Methylene Chloride	ug/L	ND	20	20	23.5	20.2	118	101	60-140	15	30		
n-Butylbenzene	ug/L	ND	20	20	24.9	23.1	125	115	60-140	8	30		
n-Propylbenzene	ug/L	ND	20	20	23.5	22.3	118	112	60-140	5	30		
Naphthalene	ug/L	ND	20	20	20.7	20.4	104	102	60-140	2	30		
o-Xylene	ug/L	ND	20	20	23.9	22.2	120	111	60-140	7	30		
sec-Butylbenzene	ug/L	ND	20	20	24.2	22.6	121	113	60-140	7	30		
Styrene	ug/L	ND	20	20	23.7	21.9	119	109	60-140	8	30		
tert-Butylbenzene	ug/L	ND	20	20	19.9	19.0	100	95	60-140	5	30		
Tetrachloroethene	ug/L	ND	20	20	25.4	22.7	127	114	60-140	11	30		
Toluene	ug/L	ND	20	20	25.1	22.7	126	113	60-140	10	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	28.3	24.6	141	123	60-140	14	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.3	21.0	116	105	60-140	10	30		
Trichloroethene	ug/L	ND	20	20	26.9	24.0	134	120	60-140	11	30		
Trichlorofluoromethane	ug/L	ND	20	20	27.4	24.3	137	122	60-140	12	30		
Vinyl chloride	ug/L	ND	20	20	27.3	23.8	137	119	60-140	14	30		
1,2-Dichloroethane-d4 (S)	%						105	99	70-130				
4-Bromofluorobenzene (S)	%						101	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553036

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553036001	13835_AC_RD_20210803	MADEP VPH	638122		
92553036001	13835_AC_RD_20210803	EPA 3010A	638464	EPA 6010D	638508
92553036001	13835_AC_RD_20210803	SM 6200B	637774		

REPORT OF LABORATORY ANALYSIS

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Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY

W0# : 92553036

Order Number or

Company: Pace Companies

Address: 1835 Ashbury Chapel Rd

City: NC

State: NC

County/City: Asheboro

Time Zone: ET

Compliance Monitoring?

☐ Yes ☒ No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice:

☐ Yes ☒ No

Field Filtered (if applicable):

☐ Yes ☒ No

Analysis:

Analyses

Lab Profile/line:

Lab Sample Receipt Checklist:

Lab Sample # / Comments:

Report To: Andrew Street

Copy To: 1835 Ashbury Chapel Rd

Customer Project Name/Number: 2020-4-2448 Incident

Phone: NC

Site/Facility ID #:

Collected By (print): Moni Letz

Quote #:

Turnaround Date Required: ASAP

Sample Disposal:

☐ Dispose as appropriate ☒ Return

☐ Archive: 1 Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day

☐ Hold: (Expedite Charges Apply)

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID: 1835-AC-20200803

Matrix: DW

Comp / Grab: G

Collected (or Composite Start) Date: 8-3-21

Composite End Date: 10-25

Res CI: 8

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 gpm): Y N NA

Lab Tracking #: 2602050

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Samples received via: FEDEX UPS Client

Courier: MTL LAB USE ONLY

Table #:

Accrual:

Template:

Prelogin:

PM:

PB:

Temp Blank Received: Y NA

Therm ID#: 110005

Cooler 1 Temp Upon Receipt: 5.0 NA

Cooler 1 Therm Corr. Factor: 5.0 NA

Cooler 1 Corrected Temp: 5.0 NA

Relinquished by/Company: (Signature) Moni Letz

Date/Time: 8-3-21 12:25

Received by/Company: (Signature) Moni Letz

Date/Time: 8-3-21 12:25

Received by/Company: (Signature)

Date/Time:

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Date/Time:

Received by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Document Name:

Sample Condition Upon Receipt(SCUR)

Document No.:

F-CAR-CS-033-Rev.07

Project #

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation

samples.

****Bottom half of box is to list number of bottles**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRD/8015 (water) DOC, LLHg

Document Revised: October 28, 2020

Issuing Authority:

North Carolina's Quality Office

Page 2 of 2

MO# : 92553036

PM: AMB

Due Date: MOOR

CLIENT: 92-APX M00B
See Date: 08/10/21

[illegible]

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553038

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553038001	14226_HC_RD_20210803	Water	08/03/21 09:45	08/03/21 12:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553038001	14226_HC_RD_20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

Sample: 14226_HC_RD_20210803 Lab ID: 92553038001 Collected: 08/03/21 09:45 Received: 08/03/21 12:25 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 09:35		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 09:35		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 09:35		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 09:35		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/05/21 09:35	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/05/21 09:35	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/06/21 03:31	08/06/21 20:30	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 03:28	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 03:28	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 03:28	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 03:28	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 03:28	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 03:28	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 03:28	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 03:28	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 03:28	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 03:28	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 03:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 03:28	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 03:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 03:28	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 03:28	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 03:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 03:28	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 03:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 03:28	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 03:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 03:28	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 03:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 03:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 03:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 03:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 03:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 03:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 03:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 03:28	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

Sample: 14226_HC_RD_20210803 Lab ID: 92553038001 Collected: 08/03/21 09:45 Received: 08/03/21 12:25 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 03:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 03:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 03:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 03:28	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 03:28	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 03:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 03:28	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 03:28	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 03:28	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 03:28	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 03:28	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 03:28	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 03:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 03:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 03:28	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 03:28	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 03:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 03:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 03:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 03:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 03:28	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 03:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 03:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 03:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 03:28	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 03:28	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 03:28	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 03:28	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 03:28	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/04/21 03:28	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/04/21 03:28	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/04/21 03:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

QC Batch:	638122	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92553038001

METHOD BLANK: 3350296 Matrix: Water

Associated Lab Samples: 92553038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		08/04/21 16:02	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		08/04/21 16:02	

LABORATORY CONTROL SAMPLE & LCSD: 3350297

		3350298								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	386	358	129	119	70-130	8	25	N2
Aromatic (C09-C10)	ug/L	100	115	113	115	113	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	103	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

QC Batch: 638464

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553038001

METHOD BLANK: 3351958

Matrix: Water

Associated Lab Samples: 92553038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 19:13	

LABORATORY CONTROL SAMPLE: 3351959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	493	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351960 3351961

Parameter	Units	92552747001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	512	487	102	97	75-125	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553038

QC Batch: 637774	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553038001

METHOD BLANK: 3348301 Matrix: Water
Associated Lab Samples: 92553038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/03/21 22:08	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/03/21 22:08	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/03/21 22:08	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/03/21 22:08	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/03/21 22:08	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/03/21 22:08	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/03/21 22:08	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/03/21 22:08	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/03/21 22:08	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/03/21 22:08	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/03/21 22:08	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/03/21 22:08	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/03/21 22:08	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/03/21 22:08	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/03/21 22:08	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Benzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromobenzene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Bromochloromethane	ug/L	ND	0.50	0.47	08/03/21 22:08	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/03/21 22:08	
Bromoform	ug/L	ND	0.50	0.34	08/03/21 22:08	
Bromomethane	ug/L	ND	5.0	1.7	08/03/21 22:08	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/03/21 22:08	
Chlorobenzene	ug/L	ND	0.50	0.28	08/03/21 22:08	
Chloroethane	ug/L	ND	1.0	0.65	08/03/21 22:08	
Chloroform	ug/L	ND	0.50	0.35	08/03/21 22:08	
Chloromethane	ug/L	ND	1.0	0.54	08/03/21 22:08	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/03/21 22:08	
Dibromomethane	ug/L	ND	0.50	0.39	08/03/21 22:08	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/03/21 22:08	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/03/21 22:08	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

METHOD BLANK: 3348301

Matrix: Water

Associated Lab Samples: 92553038001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	08/03/21 22:08	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/03/21 22:08	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/03/21 22:08	
m&p-Xylene	ug/L	ND	1.0	0.71	08/03/21 22:08	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/03/21 22:08	
Methylene Chloride	ug/L	ND	2.0	2.0	08/03/21 22:08	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/03/21 22:08	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/03/21 22:08	
Naphthalene	ug/L	ND	2.0	0.64	08/03/21 22:08	
o-Xylene	ug/L	ND	0.50	0.34	08/03/21 22:08	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/03/21 22:08	
Styrene	ug/L	ND	0.50	0.29	08/03/21 22:08	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/03/21 22:08	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/03/21 22:08	
Toluene	ug/L	ND	0.50	0.48	08/03/21 22:08	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/03/21 22:08	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/03/21 22:08	
Trichloroethene	ug/L	ND	0.50	0.38	08/03/21 22:08	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/03/21 22:08	
Vinyl chloride	ug/L	ND	1.0	0.39	08/03/21 22:08	
1,2-Dichloroethane-d4 (S)	%	101	70-130		08/03/21 22:08	
4-Bromofluorobenzene (S)	%	103	70-130		08/03/21 22:08	
Toluene-d8 (S)	%	101	70-130		08/03/21 22:08	

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.8	102	60-140	
1,1,1-Trichloroethane	ug/L	50	53.5	107	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	47.7	95	60-140	
1,1,2-Trichloroethane	ug/L	50	49.0	98	60-140	
1,1-Dichloroethane	ug/L	50	54.3	109	60-140	
1,1-Dichloroethene	ug/L	50	55.8	112	60-140	
1,1-Dichloropropene	ug/L	50	56.4	113	60-140	
1,2,3-Trichlorobenzene	ug/L	50	52.8	106	60-140	
1,2,3-Trichloropropane	ug/L	50	47.0	94	60-140	
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	60-140	
1,2,4-Trimethylbenzene	ug/L	50	51.3	103	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	50.0	100	60-140	
1,2-Dichlorobenzene	ug/L	50	49.6	99	60-140	
1,2-Dichloroethane	ug/L	50	50.6	101	60-140	
1,2-Dichloropropane	ug/L	50	50.5	101	60-140	
1,3,5-Trimethylbenzene	ug/L	50	51.5	103	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

LABORATORY CONTROL SAMPLE: 3348302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	50.1	100	60-140	
1,3-Dichloropropane	ug/L	50	50.3	101	60-140	
1,4-Dichlorobenzene	ug/L	50	50.4	101	60-140	
2,2-Dichloropropane	ug/L	50	54.3	109	60-140	
2-Chlorotoluene	ug/L	50	50.9	102	60-140	
4-Chlorotoluene	ug/L	50	48.2	96	60-140	
Benzene	ug/L	50	52.6	105	60-140	
Bromobenzene	ug/L	50	49.4	99	60-140	
Bromochloromethane	ug/L	50	54.4	109	60-140	
Bromodichloromethane	ug/L	50	49.7	99	60-140	
Bromoform	ug/L	50	46.8	94	60-140	
Bromomethane	ug/L	50	61.6	123	60-140	
Carbon tetrachloride	ug/L	50	55.3	111	60-140	
Chlorobenzene	ug/L	50	50.3	101	60-140	
Chloroethane	ug/L	50	38.6	77	60-140	
Chloroform	ug/L	50	48.7	97	60-140	
Chloromethane	ug/L	50	53.0	106	60-140	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	60-140	
cis-1,3-Dichloropropene	ug/L	50	51.0	102	60-140	
Dibromochloromethane	ug/L	50	50.1	100	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	55.2	110	60-140	
Diisopropyl ether	ug/L	50	49.8	100	60-140	
Ethylbenzene	ug/L	50	51.7	103	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.3	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	52.7	105	60-140	
m&p-Xylene	ug/L	100	102	102	60-140	
Methyl-tert-butyl ether	ug/L	50	52.7	105	60-140	
Methylene Chloride	ug/L	50	47.4	95	60-140	
n-Butylbenzene	ug/L	50	52.3	105	60-140	
n-Propylbenzene	ug/L	50	51.1	102	60-140	
Naphthalene	ug/L	50	48.7	97	60-140	
o-Xylene	ug/L	50	51.1	102	60-140	
sec-Butylbenzene	ug/L	50	51.0	102	60-140	
Styrene	ug/L	50	50.5	101	60-140	
tert-Butylbenzene	ug/L	50	42.3	85	60-140	
Tetrachloroethene	ug/L	50	52.2	104	60-140	
Toluene	ug/L	50	50.8	102	60-140	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.8	98	60-140	
Trichloroethene	ug/L	50	53.4	107	60-140	
Trichlorofluoromethane	ug/L	50	51.5	103	60-140	
Vinyl chloride	ug/L	50	53.2	106	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303				3348304									
Parameter	Units	92553065006	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	24.2	22.0	121	110	60-140	10	30		
1,1,1-Trichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	22.6	20.6	113	103	60-140	9	30		
1,1,2-Trichloroethane	ug/L	ND	20	20	23.6	21.2	118	106	60-140	11	30		
1,1-Dichloroethane	ug/L	ND	20	20	27.6	24.1	138	120	60-140	14	30		
1,1-Dichloroethene	ug/L	ND	20	20	28.8	25.3	144	126	60-140	13	30	M1	
1,1-Dichloropropene	ug/L	ND	20	20	28.3	25.2	142	126	60-140	11	30	M1	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	24.0	23.1	120	115	60-140	4	30		
1,2,3-Trichloropropane	ug/L	ND	20	20	22.7	20.6	114	103	60-140	10	30		
1,2,4-Trichlorobenzene	ug/L	ND	20	20	23.8	22.7	119	114	60-140	5	30		
1,2,4-Trimethylbenzene	ug/L	ND	20	20	23.3	22.1	117	111	60-140	5	30		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	21.2	20.6	106	103	60-140	3	30		
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	24.1	21.0	121	105	60-140	14	30		
1,2-Dichlorobenzene	ug/L	ND	20	20	22.0	20.9	110	105	60-140	5	30		
1,2-Dichloroethane	ug/L	ND	20	20	25.1	22.3	125	112	60-140	12	30		
1,2-Dichloropropane	ug/L	ND	20	20	25.4	22.8	127	114	60-140	11	30		
1,3,5-Trimethylbenzene	ug/L	ND	20	20	23.5	22.2	117	111	60-140	5	30		
1,3-Dichlorobenzene	ug/L	ND	20	20	22.7	21.3	114	106	60-140	6	30		
1,3-Dichloropropane	ug/L	ND	20	20	24.6	21.9	123	109	60-140	12	30		
1,4-Dichlorobenzene	ug/L	ND	20	20	22.8	22.2	114	111	60-140	3	30		
2,2-Dichloropropane	ug/L	ND	20	20	28.4	24.9	142	124	60-140	13	30	M1	
2-Chlorotoluene	ug/L	ND	20	20	23.2	21.7	116	109	60-140	6	30		
4-Chlorotoluene	ug/L	ND	20	20	21.9	20.8	109	104	60-140	5	30		
Benzene	ug/L	ND	20	20	26.6	23.7	133	118	60-140	12	30		
Bromobenzene	ug/L	ND	20	20	22.7	21.2	113	106	60-140	7	30		
Bromochloromethane	ug/L	ND	20	20	26.4	23.6	132	118	60-140	11	30		
Bromodichloromethane	ug/L	ND	20	20	24.4	22.1	122	110	60-140	10	30		
Bromoform	ug/L	ND	20	20	21.8	19.5	109	97	60-140	11	30		
Bromomethane	ug/L	ND	20	20	33.3	30.3	164	148	60-140	10	30	M1	
Carbon tetrachloride	ug/L	ND	20	20	28.5	25.6	142	128	60-140	11	30	M1	
Chlorobenzene	ug/L	ND	20	20	24.3	21.9	121	110	60-140	10	30		
Chloroethane	ug/L	ND	20	20	24.7	21.4	124	107	60-140	15	30		
Chloroform	ug/L	ND	20	20	23.9	21.6	119	108	60-140	10	30		
Chloromethane	ug/L	ND	20	20	24.9	21.8	124	109	60-140	13	30		
cis-1,2-Dichloroethene	ug/L	ND	20	20	26.6	23.4	133	117	60-140	13	30		
cis-1,3-Dichloropropene	ug/L	ND	20	20	24.6	22.4	123	112	60-140	9	30		
Dibromochloromethane	ug/L	ND	20	20	24.2	21.6	121	108	60-140	11	30		
Dibromomethane	ug/L	ND	20	20	24.1	21.8	121	109	60-140	10	30		
Dichlorodifluoromethane	ug/L	ND	20	20	28.7	25.0	143	125	60-140	14	30	M1	
Diisopropyl ether	ug/L	ND	20	20	23.8	20.7	119	104	60-140	14	30		
Ethylbenzene	ug/L	ND	20	20	24.8	22.8	124	114	60-140	9	30		
Hexachloro-1,3-butadiene	ug/L	ND	20	20	29.2	25.2	146	126	60-140	15	30	M1	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	25.1	23.0	126	115	60-140	9	30		
m&p-Xylene	ug/L	ND	40	40	49.7	45.4	124	114	60-140	9	30		

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3348303 3348304													
Parameter	Units	92553065006	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	ND	20	20	25.4	22.5	127	113	60-140	12	30		
Methylene Chloride	ug/L	ND	20	20	23.5	20.2	118	101	60-140	15	30		
n-Butylbenzene	ug/L	ND	20	20	24.9	23.1	125	115	60-140	8	30		
n-Propylbenzene	ug/L	ND	20	20	23.5	22.3	118	112	60-140	5	30		
Naphthalene	ug/L	ND	20	20	20.7	20.4	104	102	60-140	2	30		
o-Xylene	ug/L	ND	20	20	23.9	22.2	120	111	60-140	7	30		
sec-Butylbenzene	ug/L	ND	20	20	24.2	22.6	121	113	60-140	7	30		
Styrene	ug/L	ND	20	20	23.7	21.9	119	109	60-140	8	30		
tert-Butylbenzene	ug/L	ND	20	20	19.9	19.0	100	95	60-140	5	30		
Tetrachloroethene	ug/L	ND	20	20	25.4	22.7	127	114	60-140	11	30		
Toluene	ug/L	ND	20	20	25.1	22.7	126	113	60-140	10	30		
trans-1,2-Dichloroethene	ug/L	ND	20	20	28.3	24.6	141	123	60-140	14	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	23.3	21.0	116	105	60-140	10	30		
Trichloroethene	ug/L	ND	20	20	26.9	24.0	134	120	60-140	11	30		
Trichlorofluoromethane	ug/L	ND	20	20	27.4	24.3	137	122	60-140	12	30		
Vinyl chloride	ug/L	ND	20	20	27.3	23.8	137	119	60-140	14	30		
1,2-Dichloroethane-d4 (S)	%						105	99	70-130				
4-Bromofluorobenzene (S)	%						101	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553038

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553038001	14226_HC_RD_20210803	MADEP VPH	638122		
92553038001	14226_HC_RD_20210803	EPA 3010A	638464	EPA 6010D	638508
92553038001	14226_HC_RD_20210803	SM 6200B	637774		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB U

MO# : 92553038

Number or



92553038

Company: Pace Companies

Address: 1422 Huntersville Concord Rd

Report To: 1422 Huntersville Concord Rd

Copy To: 1422 Huntersville Concord Rd

Customer Project Name/Number: 2020-11-2448 Incident

State: NC County/City: Huntersville Time Zone Collected: PT MT CT ET

Phone: _____ Site/Facility ID #: _____

Email: _____ Compliance Monitoring? [] Yes [] No

Collected By (print): Naomi Fritz Purchase Order #: _____

Quote #: _____

Turnaround Date Required: ASAP

Sample Disposal: Return

[] Dispose as appropriate [] Return

[] Archive: _____ [] 2 Day [] 3 Day [] 4 Day [] 5 Day

[] Hold: _____ (Expedite Charges Apply)

Container Preservative Type **

Lab Project Manager: _____

Analyses

Lab Profile/Line: _____

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA

Custody Signatures Present Y N NA

Collector Signatures Present Y N NA

Bottles Intact Y N NA

Correct Bottles Y N NA

Sufficient Volume Y N NA

Samples Received on Ice Y N NA

VOA - Headspace Acceptable Y N NA

USDA Regulated Solids Y N NA

Samples in Holding Time Y N NA

Residual Chlorine Present Y N NA

Cl Strips: _____ Y N NA

Sample pH Acceptable Y N NA

pH Strips: _____ Y N NA

Sulfide Present Y N NA

Lead Acetate Strips: _____ Y N NA

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected for Composite Start

Date

Time

Composite End

Date

Time

Res

CI

of Cns

14226 HL 20-20210808 Div C 5-3-21 0945 8 X X X

UOCS 6200B

MADEP VPH

Lead

LAB USE ONLY:

Lab Sample # / Comments: 92553038

Lab Sample # / Comments: 601

Temp Blank Received: Y N NA

Therm ID#: 11/24/20

Cooler 1 Temp Upon Receipt: 51 OC

Cooler 1 Therm Corr. Factor: 3.4 OC

Cooler 1 Corrected Temp: 54.4 OC

Comments: _____

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): _____

Page: _____

of: _____

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: _____

Radchem sample(s) screened (<500 cpm): Y N NA

Samples received via: Client Courier Pace Courier

Lab Tracking #: 2632725

SHORT HOLDS PRESENT (<72 hours): Y N NA

Lab Sample Temperature Info:

Temp Blank Received: Y N NA

Therm ID#: 11/24/20

Cooler 1 Temp Upon Receipt: 51 OC

Cooler 1 Therm Corr. Factor: 3.4 OC

Cooler 1 Corrected Temp: 54.4 OC

Comments: _____

Relinquished by/Company: (Signature) Naomi Fritz Date/Time: 5-3-21 1225

Relinquished by/Company: (Signature) MDG Fox Date/Time: 5-3-21 1225

Relinquished by/Company: (Signature) _____ Date/Time: _____

Document Name:

Sample Condition Upon Receipt(SCUR)

Document No.:

F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020

Page 2 of 2

Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation

samples.

****Bottom half of box is to list number of bottles**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRD/8015 (water) DOC, LLHg

PM: AMB

Due Date: 08/10/21

CLIENT: 92-APEX MOOR

MO#: 92553038

Project

[illegible]

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DCHNR Certification Office (i.e., Out of hold, incorrect preservative, out of temp, incorrect containers).

August 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553041

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553041001	13800_HC_RD_20210803	Water	08/03/21 07:50	08/03/21 12:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553041001	13800_HC_RD_20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

Sample: 13800_HC_RD_20210803 Lab ID: 92553041001 Collected: 08/03/21 07:50 Received: 08/03/21 12:25 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 10:04		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 10:04		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 10:04		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 10:04		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/05/21 10:04	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/05/21 10:04	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/06/21 03:31	08/06/21 20:33	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 15:58	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 15:58	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 15:58	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 15:58	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 15:58	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 15:58	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 15:58	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 15:58	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 15:58	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 15:58	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 15:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 15:58	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 15:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 15:58	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:58	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 15:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 15:58	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 15:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 15:58	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 15:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 15:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 15:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 15:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 15:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 15:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 15:58	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

Sample: 13800_HC_RD_20210803 Lab ID: 92553041001 Collected: 08/03/21 07:50 Received: 08/03/21 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 15:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 15:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 15:58	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 15:58	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 15:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 15:58	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 15:58	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 15:58	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 15:58	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 15:58	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 15:58	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 15:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 15:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 15:58	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 15:58	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 15:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 15:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 15:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 15:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 15:58	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 15:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 15:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 15:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 15:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 15:58	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 15:58	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 15:58	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 15:58	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		08/04/21 15:58	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/04/21 15:58	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 15:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

QC Batch: 638122	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553041001

METHOD BLANK: 3350296 Matrix: Water

Associated Lab Samples: 92553041001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/04/21 16:02	N2
4-Bromofluorobenzene (FID) (S)	%	102	70-130		08/04/21 16:02	
4-Bromofluorobenzene (PID) (S)	%	106	70-130		08/04/21 16:02	

LABORATORY CONTROL SAMPLE & LCSD: 3350297

		3350298								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	386	358	129	119	70-130	8	25	N2
Aromatic (C09-C10)	ug/L	100	115	113	115	113	70-130	1	25	N2
4-Bromofluorobenzene (FID) (S)	%				100	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				101	103	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

QC Batch: 638464

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553041001

METHOD BLANK: 3351958

Matrix: Water

Associated Lab Samples: 92553041001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 19:13	

LABORATORY CONTROL SAMPLE: 3351959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	493	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351960 3351961

Parameter	Units	92552747001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	512	487	102	97	75-125	5	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553041

QC Batch:	637982	Analysis Method:	SM 6200B
QC Batch Method:	SM 6200B	Analysis Description:	6200B MSV
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92553041001

METHOD BLANK: 3349186 Matrix: Water

Associated Lab Samples: 92553041001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 12:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 12:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 12:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 12:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 12:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 12:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 12:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 12:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 12:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 12:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 12:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 12:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 12:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Benzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 12:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 12:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 12:26	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 12:26	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 12:26	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 12:26	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 12:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 12:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 12:26	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 12:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553041001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 12:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 12:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 12:26	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 12:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 12:26	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 12:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 12:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 12:26	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 12:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 12:26	
Styrene	ug/L	ND	0.50	0.29	08/04/21 12:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Toluene	ug/L	ND	0.50	0.48	08/04/21 12:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 12:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 12:26	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 12:26	
1,2-Dichloroethane-d4 (S)	%	102	70-130		08/04/21 12:26	
4-Bromofluorobenzene (S)	%	103	70-130		08/04/21 12:26	
Toluene-d8 (S)	%	102	70-130		08/04/21 12:26	

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	60-140	
1,1,1-Trichloroethane	ug/L	50	51.8	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	52.6	105	60-140	
1,1-Dichloropropene	ug/L	50	53.9	108	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.1	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	60-140	
1,2-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,2-Dichloroethane	ug/L	50	50.0	100	60-140	
1,2-Dichloropropane	ug/L	50	49.7	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.3	99	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	52.1	104	60-140	
2-Chlorotoluene	ug/L	50	50.7	101	60-140	
4-Chlorotoluene	ug/L	50	47.4	95	60-140	
Benzene	ug/L	50	51.2	102	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	48.9	98	60-140	
Bromodichloromethane	ug/L	50	48.8	98	60-140	
Bromoform	ug/L	50	46.2	92	60-140	
Bromomethane	ug/L	50	63.0	126	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	36.1	72	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	49.6	99	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	54.7	109	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	51.9	104	60-140	
Methylene Chloride	ug/L	50	45.4	91	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	48.5	97	60-140	
sec-Butylbenzene	ug/L	50	50.0	100	60-140	
Styrene	ug/L	50	49.0	98	60-140	
tert-Butylbenzene	ug/L	50	42.0	84	60-140	
Tetrachloroethene	ug/L	50	50.6	101	60-140	
Toluene	ug/L	50	49.8	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	48.8	98	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189											
Parameter	Units	92552893009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	500	515	125	129	60-140	3	30
1,1,1-Trichloroethane	ug/L	ND	400	400	567	598	142	150	60-140	5	30 M1
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	462	491	115	123	60-140	6	30
1,1,2-Trichloroethane	ug/L	ND	400	400	488	525	122	131	60-140	7	30
1,1-Dichloroethane	ug/L	ND	400	400	558	590	140	147	60-140	6	30 M1
1,1-Dichloroethene	ug/L	ND	400	400	593	606	148	152	60-140	2	30 M1
1,1-Dichloropropene	ug/L	ND	400	400	590	601	148	150	60-140	2	30 M1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	467	525	117	131	60-140	12	30
1,2,3-Trichloropropane	ug/L	ND	400	400	454	491	114	123	60-140	8	30
1,2,4-Trichlorobenzene	ug/L	ND	400	400	466	528	116	132	60-140	12	30
1,2,4-Trimethylbenzene	ug/L	88.0	400	400	589	614	125	131	60-140	4	30
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	450	499	113	125	60-140	10	30
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	485	514	121	128	60-140	6	30
1,2-Dichlorobenzene	ug/L	ND	400	400	476	495	119	124	60-140	4	30
1,2-Dichloroethane	ug/L	ND	400	400	517	541	129	135	60-140	4	30
1,2-Dichloropropane	ug/L	ND	400	400	514	554	129	139	60-140	7	30
1,3,5-Trimethylbenzene	ug/L	ND	400	400	525	553	131	138	60-140	5	30
1,3-Dichlorobenzene	ug/L	ND	400	400	481	501	120	125	60-140	4	30
1,3-Dichloropropane	ug/L	ND	400	400	496	523	124	131	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	400	400	492	494	123	124	60-140	0	30
2,2-Dichloropropane	ug/L	ND	400	400	526	543	131	136	60-140	3	30
2-Chlorotoluene	ug/L	ND	400	400	498	518	125	129	60-140	4	30
4-Chlorotoluene	ug/L	ND	400	400	466	490	116	122	60-140	5	30
Benzene	ug/L	2340	400	400	2850	2960	128	154	60-140	4	30 M1
Bromobenzene	ug/L	ND	400	400	479	500	120	125	60-140	4	30
Bromochloromethane	ug/L	ND	400	400	532	561	133	140	60-140	5	30
Bromodichloromethane	ug/L	ND	400	400	496	530	124	133	60-140	7	30
Bromoform	ug/L	ND	400	400	421	460	105	115	60-140	9	30
Bromomethane	ug/L	ND	400	400	690	814	171	202	60-140	16	30 M1
Carbon tetrachloride	ug/L	ND	400	400	590	620	147	155	60-140	5	30 M1
Chlorobenzene	ug/L	ND	400	400	500	519	125	130	60-140	4	30
Chloroethane	ug/L	ND	400	400	507	490	127	123	60-140	3	30
Chloroform	ug/L	ND	400	400	509	533	126	132	60-140	5	30
Chloromethane	ug/L	ND	400	400	504	524	126	131	60-140	4	30
cis-1,2-Dichloroethene	ug/L	ND	400	400	541	567	135	142	60-140	5	30 M1
cis-1,3-Dichloropropene	ug/L	ND	400	400	494	528	124	132	60-140	7	30
Dibromochloromethane	ug/L	ND	400	400	486	515	122	129	60-140	6	30
Dibromomethane	ug/L	ND	400	400	495	531	124	133	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	400	400	585	603	146	151	60-140	3	30 M1
Diisopropyl ether	ug/L	ND	400	400	500	529	125	132	60-140	6	30
Ethylbenzene	ug/L	58.3	400	400	579	587	130	132	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	400	400	504	563	126	141	60-140	11	30 M1
Isopropylbenzene (Cumene)	ug/L	37.6	400	400	564	567	132	132	60-140	1	30
m&p-Xylene	ug/L	284	800	800	1320	1330	130	131	60-140	1	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189													
Parameter	Units	92552893009	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	111	400	400	647	674	134	141	60-140	4	30	M1	
Methylene Chloride	ug/L	ND	400	400	500	515	125	129	60-140	3	30		
n-Butylbenzene	ug/L	ND	400	400	480	531	120	133	60-140	10	30		
n-Propylbenzene	ug/L	ND	400	400	528	555	132	139	60-140	5	30		
Naphthalene	ug/L	80.4	400	400	526	582	111	125	60-140	10	30		
o-Xylene	ug/L	957	400	400	1460	1470	127	127	60-140	0	30		
sec-Butylbenzene	ug/L	ND	400	400	492	537	123	134	60-140	9	30		
Styrene	ug/L	ND	400	400	505	509	126	127	60-140	1	30		
tert-Butylbenzene	ug/L	ND	400	400	414	446	103	111	60-140	7	30		
Tetrachloroethene	ug/L	ND	400	400	523	527	131	132	60-140	1	30		
Toluene	ug/L	513	400	400	1010	1060	125	138	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	400	400	570	591	142	148	60-140	4	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	400	400	467	491	117	123	60-140	5	30		
Trichloroethene	ug/L	ND	400	400	546	578	137	145	60-140	6	30	M1	
Trichlorofluoromethane	ug/L	ND	400	400	564	572	141	143	60-140	1	30	M1	
Vinyl chloride	ug/L	ND	400	400	556	578	139	144	60-140	4	30	M1	
1,2-Dichloroethane-d4 (S)	%						100	100	70-130				
4-Bromofluorobenzene (S)	%						102	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553041

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553041001	13800_HC_RD_20210803	MADEP VPH	638122		
92553041001	13800_HC_RD_20210803	EPA 3010A	638464	EPA 6010D	638508
92553041001	13800_HC_RD_20210803	SM 6200B	637982		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE

W0#: 92553041

Number or

Contain



Company: Pace Companies
Address: 1000 Street

Billing Information:

Contain

92553041

Contain

Report To: Andrew Street
Copy To: 1800 Huntsville, Concord, NC

Email To: Andrew.Street@pace.com
Site Collection Info/Address: 1800 Huntsville, Concord, NC

Customer Project Name/Number: 2020-L1-2448 Incident

State: NC County/City: Huntsville Time Zone Collected: ET

Phone: 704-244-8000 Site/Facility ID #: Incident

Compliance Monitoring? Yes No

Collected By (print): Maanu Fetz

Purchase Order #: ASAP

Collected By (signature): Maanu Fetz

Turnaround Date Required: ASAP

Sample Disposal:

Rush: ASAP

Field Filtered (if applicable): Yes No

☐ Dispose as appropriate ☐ Return ☐ Archive: ASAP

☐ Same Day ☐ Next Day ☐ 2 Day ☐ 3 Day ☐ 4 Day ☐ 5 Day

Analysis: ASAP

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start) Date Time

Composite End Date Time

Res Cl # of Cns

UOLs 6200B

MADEP VPH

Lead

92553041

1800-Huntsville-20200803

DW

G

8-31-21 0750

8

X

X

X

X

X

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Lab Tracking #:

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Samples received via: Client Courier MTL LAB USE ONLY

2602048

Lab Sample Temperature Info:

Relinquished by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Date/Time: 8-31-21 12:25

Relinquished by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Date/Time: 8-31-21 12:25

Relinquished by/Company: (Signature)

Date/Time: 8-31-21 12:25

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Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Date/Time: 8-31-21 12:25

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Date/Time: 8-31-21 12:25

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Date/Time: 8-31-21 12:25

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Date/Time: 8-31-21 12:25

Relinquished by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Date/Time: 8-31-21 12:25

Relinquished by/Company: (Signature)

Date/Time: 8-31-21 12:25

Received by/Company: (Signature)

Document Name:
Sample Condition Upon Receipt(SCUR)

Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:

Project #

*Check mark top half of box if pH and/or dechlorination is
verified and within the acceptance range for preservation

PM: AMB

Due Date: 08/10/21

CLIENT: 92-APEX MOOR

samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LTHg

*Bottom half of box is to list number of bottles

Item#	1	2	3	4	5	6	7	8	9	10	11	12
BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)												
BP3U-250 mL Plastic Unpreserved (N/A)												
BP2U-500 mL Plastic Unpreserved (N/A)												
BP1U-1 liter Plastic Unpreserved (N/A)												
BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)												
BP3N-250 mL plastic HNO3 (pH < 2)												
BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)												
BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)												
WGFU-Wide-mouthed Glass jar Unpreserved												
AG1U-1 liter Amber Unpreserved (N/A) (Cl-)												
AG1H-1 liter Amber HCl (pH < 2)												
AG3U-250 mL Amber Unpreserved (N/A) (Cl-)												
AG1S-1 liter Amber H2SO4 (pH < 2)												
AG3S-250 mL Amber H2SO4 (pH < 2)												
AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)												
DG9H-40 mL VOA HCl (N/A)												
VG9T-40 mL VOA Na2S2O3 (N/A)												
VG9U-40 mL VOA Unp (N/A)												
DG9P-40 mL VOA H3PO4 (N/A)												
VOAK (6 vials per kit)-S035 kit (N/A)												
V/GK (3 vials per kit)-VPH/Gas kit(N/A)												
SP5T-125 mL Sterile Plastic (N/A -lab)												
SP2T-250 mL Sterile Plastic (N/A -lab)												
BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)												
AG0U-100 mL Amber Unpreserved vials (N/A)												
VSGU-20 mL Scintillation vials (N/A)												
DG9U-40 mL Amber Unpreserved vials (N/A)												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 09, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553044

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553044001	13926B_HC_RD_20210803	Water	08/03/21 11:00	08/03/21 12:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553044001	13926B_HC_RD_20210803	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	SH1	1	PASI-A
		SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

Sample: 13926B_HC_RD_20210803 Lab ID: 92553044001 Collected: 08/03/21 11:00 Received: 08/03/21 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 17:42		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 17:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 17:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 17:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/05/21 17:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/05/21 17:42	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/06/21 03:31	08/06/21 20:37	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 16:52	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 16:52	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 16:52	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 16:52	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 16:52	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 16:52	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 16:52	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 16:52	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 16:52	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 16:52	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 16:52	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 16:52	75-00-3	
Chloroform	7.7	ug/L	0.50	0.35	1		08/04/21 16:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 16:52	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:52	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 16:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 16:52	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 16:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 16:52	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 16:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:52	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 16:52	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 16:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 16:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 16:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 16:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 16:52	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

Sample: 13926B_HC_RD_20210803 Lab ID: 92553044001 Collected: 08/03/21 11:00 Received: 08/03/21 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 16:52	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 16:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 16:52	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 16:52	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 16:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 16:52	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 16:52	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 16:52	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 16:52	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 16:52	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 16:52	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 16:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 16:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 16:52	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 16:52	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 16:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 16:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 16:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 16:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 16:52	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 16:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 16:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 16:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 16:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 16:52	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 16:52	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 16:52	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 16:52	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 16:52	17060-07-0	
4-Bromofluorobenzene (S)	104	%	70-130		1		08/04/21 16:52	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/04/21 16:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

QC Batch:	638369	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92553044001

METHOD BLANK: 3351429 Matrix: Water

Associated Lab Samples: 92553044001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/05/21 15:49	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/05/21 15:49	

LABORATORY CONTROL SAMPLE & LCSD: 3351430

3351431

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	373	358	124	119	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	117	106	117	106	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	104	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

QC Batch: 638464

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553044001

METHOD BLANK: 3351958

Matrix: Water

Associated Lab Samples: 92553044001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/06/21 19:13	

LABORATORY CONTROL SAMPLE: 3351959

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	493	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3351960 3351961

Parameter	Units	92552747001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	512	487	102	97	75-125	5	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553044

QC Batch: 637982	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553044001

METHOD BLANK: 3349186 Matrix: Water
Associated Lab Samples: 92553044001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 12:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 12:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 12:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 12:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 12:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 12:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 12:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 12:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 12:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 12:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 12:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 12:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 12:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Benzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 12:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 12:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 12:26	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 12:26	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 12:26	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 12:26	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 12:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 12:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 12:26	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 12:26	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553044

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553044001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 12:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 12:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 12:26	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 12:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 12:26	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 12:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 12:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 12:26	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 12:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 12:26	
Styrene	ug/L	ND	0.50	0.29	08/04/21 12:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Toluene	ug/L	ND	0.50	0.48	08/04/21 12:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 12:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 12:26	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 12:26	
1,2-Dichloroethane-d4 (S)	%	102	70-130		08/04/21 12:26	
4-Bromofluorobenzene (S)	%	103	70-130		08/04/21 12:26	
Toluene-d8 (S)	%	102	70-130		08/04/21 12:26	

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	60-140	
1,1,1-Trichloroethane	ug/L	50	51.8	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	52.6	105	60-140	
1,1-Dichloropropene	ug/L	50	53.9	108	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.1	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	60-140	
1,2-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,2-Dichloroethane	ug/L	50	50.0	100	60-140	
1,2-Dichloropropane	ug/L	50	49.7	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.3	99	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	52.1	104	60-140	
2-Chlorotoluene	ug/L	50	50.7	101	60-140	
4-Chlorotoluene	ug/L	50	47.4	95	60-140	
Benzene	ug/L	50	51.2	102	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	48.9	98	60-140	
Bromodichloromethane	ug/L	50	48.8	98	60-140	
Bromoform	ug/L	50	46.2	92	60-140	
Bromomethane	ug/L	50	63.0	126	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	36.1	72	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	49.6	99	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	54.7	109	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	51.9	104	60-140	
Methylene Chloride	ug/L	50	45.4	91	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	48.5	97	60-140	
sec-Butylbenzene	ug/L	50	50.0	100	60-140	
Styrene	ug/L	50	49.0	98	60-140	
tert-Butylbenzene	ug/L	50	42.0	84	60-140	
Tetrachloroethene	ug/L	50	50.6	101	60-140	
Toluene	ug/L	50	49.8	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	48.8	98	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189											
Parameter	Units	92552893009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	500	515	125	129	60-140	3	30
1,1,1-Trichloroethane	ug/L	ND	400	400	567	598	142	150	60-140	5	30 M1
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	462	491	115	123	60-140	6	30
1,1,2-Trichloroethane	ug/L	ND	400	400	488	525	122	131	60-140	7	30
1,1-Dichloroethane	ug/L	ND	400	400	558	590	140	147	60-140	6	30 M1
1,1-Dichloroethene	ug/L	ND	400	400	593	606	148	152	60-140	2	30 M1
1,1-Dichloropropene	ug/L	ND	400	400	590	601	148	150	60-140	2	30 M1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	467	525	117	131	60-140	12	30
1,2,3-Trichloropropane	ug/L	ND	400	400	454	491	114	123	60-140	8	30
1,2,4-Trichlorobenzene	ug/L	ND	400	400	466	528	116	132	60-140	12	30
1,2,4-Trimethylbenzene	ug/L	88.0	400	400	589	614	125	131	60-140	4	30
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	450	499	113	125	60-140	10	30
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	485	514	121	128	60-140	6	30
1,2-Dichlorobenzene	ug/L	ND	400	400	476	495	119	124	60-140	4	30
1,2-Dichloroethane	ug/L	ND	400	400	517	541	129	135	60-140	4	30
1,2-Dichloropropane	ug/L	ND	400	400	514	554	129	139	60-140	7	30
1,3,5-Trimethylbenzene	ug/L	ND	400	400	525	553	131	138	60-140	5	30
1,3-Dichlorobenzene	ug/L	ND	400	400	481	501	120	125	60-140	4	30
1,3-Dichloropropane	ug/L	ND	400	400	496	523	124	131	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	400	400	492	494	123	124	60-140	0	30
2,2-Dichloropropane	ug/L	ND	400	400	526	543	131	136	60-140	3	30
2-Chlorotoluene	ug/L	ND	400	400	498	518	125	129	60-140	4	30
4-Chlorotoluene	ug/L	ND	400	400	466	490	116	122	60-140	5	30
Benzene	ug/L	2340	400	400	2850	2960	128	154	60-140	4	30 M1
Bromobenzene	ug/L	ND	400	400	479	500	120	125	60-140	4	30
Bromochloromethane	ug/L	ND	400	400	532	561	133	140	60-140	5	30
Bromodichloromethane	ug/L	ND	400	400	496	530	124	133	60-140	7	30
Bromoform	ug/L	ND	400	400	421	460	105	115	60-140	9	30
Bromomethane	ug/L	ND	400	400	690	814	171	202	60-140	16	30 M1
Carbon tetrachloride	ug/L	ND	400	400	590	620	147	155	60-140	5	30 M1
Chlorobenzene	ug/L	ND	400	400	500	519	125	130	60-140	4	30
Chloroethane	ug/L	ND	400	400	507	490	127	123	60-140	3	30
Chloroform	ug/L	ND	400	400	509	533	126	132	60-140	5	30
Chloromethane	ug/L	ND	400	400	504	524	126	131	60-140	4	30
cis-1,2-Dichloroethene	ug/L	ND	400	400	541	567	135	142	60-140	5	30 M1
cis-1,3-Dichloropropene	ug/L	ND	400	400	494	528	124	132	60-140	7	30
Dibromochloromethane	ug/L	ND	400	400	486	515	122	129	60-140	6	30
Dibromomethane	ug/L	ND	400	400	495	531	124	133	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	400	400	585	603	146	151	60-140	3	30 M1
Diisopropyl ether	ug/L	ND	400	400	500	529	125	132	60-140	6	30
Ethylbenzene	ug/L	58.3	400	400	579	587	130	132	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	400	400	504	563	126	141	60-140	11	30 M1
Isopropylbenzene (Cumene)	ug/L	37.6	400	400	564	567	132	132	60-140	1	30
m&p-Xylene	ug/L	284	800	800	1320	1330	130	131	60-140	1	30

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3349188	3349189									
Parameter	Units	92552893009	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	111	400	400	647	674	134	141	60-140	4	30	M1	
Methylene Chloride	ug/L	ND	400	400	500	515	125	129	60-140	3	30		
n-Butylbenzene	ug/L	ND	400	400	480	531	120	133	60-140	10	30		
n-Propylbenzene	ug/L	ND	400	400	528	555	132	139	60-140	5	30		
Naphthalene	ug/L	80.4	400	400	526	582	111	125	60-140	10	30		
o-Xylene	ug/L	957	400	400	1460	1470	127	127	60-140	0	30		
sec-Butylbenzene	ug/L	ND	400	400	492	537	123	134	60-140	9	30		
Styrene	ug/L	ND	400	400	505	509	126	127	60-140	1	30		
tert-Butylbenzene	ug/L	ND	400	400	414	446	103	111	60-140	7	30		
Tetrachloroethene	ug/L	ND	400	400	523	527	131	132	60-140	1	30		
Toluene	ug/L	513	400	400	1010	1060	125	138	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	400	400	570	591	142	148	60-140	4	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	400	400	467	491	117	123	60-140	5	30		
Trichloroethene	ug/L	ND	400	400	546	578	137	145	60-140	6	30	M1	
Trichlorofluoromethane	ug/L	ND	400	400	564	572	141	143	60-140	1	30	M1	
Vinyl chloride	ug/L	ND	400	400	556	578	139	144	60-140	4	30	M1	
1,2-Dichloroethane-d4 (S)	%						100	100	70-130				
4-Bromofluorobenzene (S)	%						102	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553044

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553044001	13926B_HC_RD_20210803	MADEP VPH	638369		
92553044001	13926B_HC_RD_20210803	EPA 3010A	638464	EPA 6010D	638508
92553044001	13926B_HC_RD_20210803	SM 6200B	637982		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

W0#: 92553044

PM: AMB

Due Date: 08/10/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit(N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																											
2																											
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 10, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553048

Dear Andrew Street:

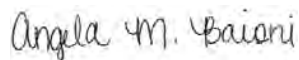
Enclosed are the analytical results for sample(s) received by the laboratory on August 03, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC

Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92553048001	DUP-1	Water	08/03/21 00:00	08/03/21 12:25
92553048002	FB-1	Water	08/03/21 00:00	08/03/21 12:25
92553048003	TRIP BLANK	Water	08/03/21 00:00	08/03/21 12:25

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92553048001	DUP-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92553048002	FB-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	PM1	63	PASI-C
92553048003	TRIP BLANK	SM 6200B	PM1	63	PASI-C

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Sample: DUP-1		Lab ID: 92553048001		Collected: 08/03/21 00:00		Received: 08/03/21 12:25		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water		Analytical Method: MADEP VPH Pace Analytical Services - Charlotte							
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 18:11		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 18:11		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 18:11		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 18:11		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	105	%	70-130		1		08/05/21 18:11	460-00-4	
4-Bromofluorobenzene (PID) (S)	109	%	70-130		1		08/05/21 18:11	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville							
Lead	ND	ug/L	5.0	4.5	1	08/06/21 13:20	08/09/21 19:34	7439-92-1	
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 17:09	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 17:09	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 17:09	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 17:09	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 17:09	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 17:09	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 17:09	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 17:09	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 17:09	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 17:09	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 17:09	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 17:09	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 17:09	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 17:09	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 17:09	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 17:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 17:09	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 17:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 17:09	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 17:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 17:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 17:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 17:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 17:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 17:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 17:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 17:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 17:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 17:09	142-28-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Sample: DUP-1		Lab ID: 92553048001		Collected: 08/03/21 00:00		Received: 08/03/21 12:25		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 17:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 17:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 17:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 17:09	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 17:09	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 17:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 17:09	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 17:09	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 17:09	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 17:09	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 17:09	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 17:09	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 17:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 17:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 17:09	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 17:09	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 17:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 17:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 17:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 17:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 17:09	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 17:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 17:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 17:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 17:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 17:09	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 17:09	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 17:09	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 17:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/04/21 17:09	17060-07-0	
4-Bromofluorobenzene (S)	101	%	70-130		1		08/04/21 17:09	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/04/21 17:09	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Sample: FB-1 Lab ID: 92553048002 Collected: 08/03/21 00:00 Received: 08/03/21 12:25 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/05/21 18:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/05/21 18:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/05/21 18:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/05/21 18:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	102	%	70-130		1		08/05/21 18:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	106	%	70-130		1		08/05/21 18:39	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/06/21 13:20	08/09/21 19:38	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 13:55	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 13:55	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 13:55	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 13:55	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 13:55	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 13:55	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 13:55	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 13:55	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 13:55	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 13:55	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 13:55	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 13:55	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 13:55	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 13:55	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:55	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 13:55	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 13:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 13:55	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 13:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:55	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 13:55	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 13:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 13:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 13:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 13:55	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 13:55	142-28-9	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Sample: FB-1		Lab ID: 92553048002		Collected: 08/03/21 00:00		Received: 08/03/21 12:25		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 13:55	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 13:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:55	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 13:55	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 13:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 13:55	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 13:55	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 13:55	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 13:55	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 13:55	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:55	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 13:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 13:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 13:55	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 13:55	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 13:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 13:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 13:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 13:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:55	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 13:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 13:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 13:55	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:55	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 13:55	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 13:55	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 13:55	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/04/21 13:55	17060-07-0	
4-Bromofluorobenzene (S)	102	%	70-130		1		08/04/21 13:55	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/04/21 13:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Sample: TRIP BLANK		Lab ID: 92553048003		Collected: 08/03/21 00:00		Received: 08/03/21 12:25		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	0.50	0.34	1		08/04/21 13:19	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/04/21 13:19	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/04/21 13:19	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/04/21 13:19	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/04/21 13:19	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/04/21 13:19	74-83-9	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/04/21 13:19	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/04/21 13:19	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/04/21 13:19	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/04/21 13:19	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/04/21 13:19	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/04/21 13:19	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/04/21 13:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/04/21 13:19	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:19	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/04/21 13:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/04/21 13:19	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/04/21 13:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/04/21 13:19	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/04/21 13:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/04/21 13:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/04/21 13:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/04/21 13:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/04/21 13:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/04/21 13:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/04/21 13:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/04/21 13:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/04/21 13:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/04/21 13:19	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/04/21 13:19	108-20-3	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/04/21 13:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/04/21 13:19	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/04/21 13:19	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/04/21 13:19	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/04/21 13:19	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/04/21 13:19	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/04/21 13:19	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/04/21 13:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/04/21 13:19	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Sample: TRIP BLANK		Lab ID: 92553048003		Collected: 08/03/21 00:00		Received: 08/03/21 12:25		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/04/21 13:19	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/04/21 13:19	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/04/21 13:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/04/21 13:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/04/21 13:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/04/21 13:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/04/21 13:19	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/04/21 13:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/04/21 13:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/04/21 13:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/04/21 13:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/04/21 13:19	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/04/21 13:19	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/04/21 13:19	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/04/21 13:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/04/21 13:19	17060-07-0	
4-Bromofluorobenzene (S)	103	%	70-130		1		08/04/21 13:19	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/04/21 13:19	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

QC Batch: 638369

Analysis Method: MADEP VPH

QC Batch Method: MADEP VPH

Analysis Description: VPH NC Water

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92553048001, 92553048002

METHOD BLANK: 3351429

Matrix: Water

Associated Lab Samples: 92553048001, 92553048002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/05/21 15:49	N2
4-Bromofluorobenzene (FID) (S)	%	103	70-130		08/05/21 15:49	
4-Bromofluorobenzene (PID) (S)	%	107	70-130		08/05/21 15:49	

LABORATORY CONTROL SAMPLE & LCSD: 3351430

3351431

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	373	358	124	119	70-130	4	25	N2
Aromatic (C09-C10)	ug/L	100	117	106	117	106	70-130	9	25	N2
4-Bromofluorobenzene (FID) (S)	%				103	103	70-130			
4-Bromofluorobenzene (PID) (S)	%				104	104	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

QC Batch: 638560

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92553048001, 92553048002

METHOD BLANK: 3352242

Matrix: Water

Associated Lab Samples: 92553048001, 92553048002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/09/21 17:51	

LABORATORY CONTROL SAMPLE: 3352243

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	514	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3352244 3352245

Parameter	Units	92552154006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	455	496	91	99	75-125	9	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT
Pace Project No.: 92553048

QC Batch: 637982 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92553048001, 92553048002, 92553048003

METHOD BLANK: 3349186 Matrix: Water
Associated Lab Samples: 92553048001, 92553048002, 92553048003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/04/21 12:26	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/04/21 12:26	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/04/21 12:26	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/04/21 12:26	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/04/21 12:26	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/04/21 12:26	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/04/21 12:26	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/04/21 12:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/04/21 12:26	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/04/21 12:26	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/04/21 12:26	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/04/21 12:26	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/04/21 12:26	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/04/21 12:26	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/04/21 12:26	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Benzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromobenzene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Bromochloromethane	ug/L	ND	0.50	0.47	08/04/21 12:26	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/04/21 12:26	
Bromoform	ug/L	ND	0.50	0.34	08/04/21 12:26	
Bromomethane	ug/L	ND	5.0	1.7	08/04/21 12:26	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/04/21 12:26	
Chlorobenzene	ug/L	ND	0.50	0.28	08/04/21 12:26	
Chloroethane	ug/L	ND	1.0	0.65	08/04/21 12:26	
Chloroform	ug/L	ND	0.50	0.35	08/04/21 12:26	
Chloromethane	ug/L	ND	1.0	0.54	08/04/21 12:26	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/04/21 12:26	
Dibromomethane	ug/L	ND	0.50	0.39	08/04/21 12:26	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/04/21 12:26	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/04/21 12:26	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

METHOD BLANK: 3349186

Matrix: Water

Associated Lab Samples: 92553048001, 92553048002, 92553048003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	0.50	0.30	08/04/21 12:26	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/04/21 12:26	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/04/21 12:26	
m&p-Xylene	ug/L	ND	1.0	0.71	08/04/21 12:26	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/04/21 12:26	
Methylene Chloride	ug/L	ND	2.0	2.0	08/04/21 12:26	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/04/21 12:26	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/04/21 12:26	
Naphthalene	ug/L	ND	2.0	0.64	08/04/21 12:26	
o-Xylene	ug/L	ND	0.50	0.34	08/04/21 12:26	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/04/21 12:26	
Styrene	ug/L	ND	0.50	0.29	08/04/21 12:26	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/04/21 12:26	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/04/21 12:26	
Toluene	ug/L	ND	0.50	0.48	08/04/21 12:26	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/04/21 12:26	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/04/21 12:26	
Trichloroethene	ug/L	ND	0.50	0.38	08/04/21 12:26	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/04/21 12:26	
Vinyl chloride	ug/L	ND	1.0	0.39	08/04/21 12:26	
1,2-Dichloroethane-d4 (S)	%	102	70-130		08/04/21 12:26	
4-Bromofluorobenzene (S)	%	103	70-130		08/04/21 12:26	
Toluene-d8 (S)	%	102	70-130		08/04/21 12:26	

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.8	100	60-140	
1,1,1-Trichloroethane	ug/L	50	51.8	104	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	46.6	93	60-140	
1,1,2-Trichloroethane	ug/L	50	48.6	97	60-140	
1,1-Dichloroethane	ug/L	50	51.5	103	60-140	
1,1-Dichloroethene	ug/L	50	52.6	105	60-140	
1,1-Dichloropropene	ug/L	50	53.9	108	60-140	
1,2,3-Trichlorobenzene	ug/L	50	53.2	106	60-140	
1,2,3-Trichloropropane	ug/L	50	46.5	93	60-140	
1,2,4-Trichlorobenzene	ug/L	50	53.8	108	60-140	
1,2,4-Trimethylbenzene	ug/L	50	50.1	100	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	60-140	
1,2-Dibromoethane (EDB)	ug/L	50	48.4	97	60-140	
1,2-Dichlorobenzene	ug/L	50	49.0	98	60-140	
1,2-Dichloroethane	ug/L	50	50.0	100	60-140	
1,2-Dichloropropane	ug/L	50	49.7	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	50.4	101	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

LABORATORY CONTROL SAMPLE: 3349187

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	50	49.3	99	60-140	
1,3-Dichloropropane	ug/L	50	48.8	98	60-140	
1,4-Dichlorobenzene	ug/L	50	50.2	100	60-140	
2,2-Dichloropropane	ug/L	50	52.1	104	60-140	
2-Chlorotoluene	ug/L	50	50.7	101	60-140	
4-Chlorotoluene	ug/L	50	47.4	95	60-140	
Benzene	ug/L	50	51.2	102	60-140	
Bromobenzene	ug/L	50	49.2	98	60-140	
Bromochloromethane	ug/L	50	48.9	98	60-140	
Bromodichloromethane	ug/L	50	48.8	98	60-140	
Bromoform	ug/L	50	46.2	92	60-140	
Bromomethane	ug/L	50	63.0	126	60-140	
Carbon tetrachloride	ug/L	50	53.0	106	60-140	
Chlorobenzene	ug/L	50	49.3	99	60-140	
Chloroethane	ug/L	50	36.1	72	60-140	
Chloroform	ug/L	50	46.5	93	60-140	
Chloromethane	ug/L	50	49.6	99	60-140	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	60-140	
cis-1,3-Dichloropropene	ug/L	50	50.3	101	60-140	
Dibromochloromethane	ug/L	50	49.0	98	60-140	
Dibromomethane	ug/L	50	49.8	100	60-140	
Dichlorodifluoromethane	ug/L	50	54.7	109	60-140	
Diisopropyl ether	ug/L	50	48.9	98	60-140	
Ethylbenzene	ug/L	50	49.8	100	60-140	
Hexachloro-1,3-butadiene	ug/L	50	50.7	101	60-140	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	60-140	
m&p-Xylene	ug/L	100	99.0	99	60-140	
Methyl-tert-butyl ether	ug/L	50	51.9	104	60-140	
Methylene Chloride	ug/L	50	45.4	91	60-140	
n-Butylbenzene	ug/L	50	51.8	104	60-140	
n-Propylbenzene	ug/L	50	50.6	101	60-140	
Naphthalene	ug/L	50	50.5	101	60-140	
o-Xylene	ug/L	50	48.5	97	60-140	
sec-Butylbenzene	ug/L	50	50.0	100	60-140	
Styrene	ug/L	50	49.0	98	60-140	
tert-Butylbenzene	ug/L	50	42.0	84	60-140	
Tetrachloroethene	ug/L	50	50.6	101	60-140	
Toluene	ug/L	50	49.8	100	60-140	
trans-1,2-Dichloroethene	ug/L	50	52.6	105	60-140	
trans-1,3-Dichloropropene	ug/L	50	48.6	97	60-140	
Trichloroethene	ug/L	50	51.9	104	60-140	
Trichlorofluoromethane	ug/L	50	48.8	98	60-140	
Vinyl chloride	ug/L	50	51.4	103	60-140	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189											
Parameter	Units	92552893009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	400	400	500	515	125	129	60-140	3	30
1,1,1-Trichloroethane	ug/L	ND	400	400	567	598	142	150	60-140	5	30 M1
1,1,2,2-Tetrachloroethane	ug/L	ND	400	400	462	491	115	123	60-140	6	30
1,1,2-Trichloroethane	ug/L	ND	400	400	488	525	122	131	60-140	7	30
1,1-Dichloroethane	ug/L	ND	400	400	558	590	140	147	60-140	6	30 M1
1,1-Dichloroethene	ug/L	ND	400	400	593	606	148	152	60-140	2	30 M1
1,1-Dichloropropene	ug/L	ND	400	400	590	601	148	150	60-140	2	30 M1
1,2,3-Trichlorobenzene	ug/L	ND	400	400	467	525	117	131	60-140	12	30
1,2,3-Trichloropropane	ug/L	ND	400	400	454	491	114	123	60-140	8	30
1,2,4-Trichlorobenzene	ug/L	ND	400	400	466	528	116	132	60-140	12	30
1,2,4-Trimethylbenzene	ug/L	88.0	400	400	589	614	125	131	60-140	4	30
1,2-Dibromo-3-chloropropane	ug/L	ND	400	400	450	499	113	125	60-140	10	30
1,2-Dibromoethane (EDB)	ug/L	ND	400	400	485	514	121	128	60-140	6	30
1,2-Dichlorobenzene	ug/L	ND	400	400	476	495	119	124	60-140	4	30
1,2-Dichloroethane	ug/L	ND	400	400	517	541	129	135	60-140	4	30
1,2-Dichloropropane	ug/L	ND	400	400	514	554	129	139	60-140	7	30
1,3,5-Trimethylbenzene	ug/L	ND	400	400	525	553	131	138	60-140	5	30
1,3-Dichlorobenzene	ug/L	ND	400	400	481	501	120	125	60-140	4	30
1,3-Dichloropropane	ug/L	ND	400	400	496	523	124	131	60-140	5	30
1,4-Dichlorobenzene	ug/L	ND	400	400	492	494	123	124	60-140	0	30
2,2-Dichloropropane	ug/L	ND	400	400	526	543	131	136	60-140	3	30
2-Chlorotoluene	ug/L	ND	400	400	498	518	125	129	60-140	4	30
4-Chlorotoluene	ug/L	ND	400	400	466	490	116	122	60-140	5	30
Benzene	ug/L	2340	400	400	2850	2960	128	154	60-140	4	30 M1
Bromobenzene	ug/L	ND	400	400	479	500	120	125	60-140	4	30
Bromochloromethane	ug/L	ND	400	400	532	561	133	140	60-140	5	30
Bromodichloromethane	ug/L	ND	400	400	496	530	124	133	60-140	7	30
Bromoform	ug/L	ND	400	400	421	460	105	115	60-140	9	30
Bromomethane	ug/L	ND	400	400	690	814	171	202	60-140	16	30 M1
Carbon tetrachloride	ug/L	ND	400	400	590	620	147	155	60-140	5	30 M1
Chlorobenzene	ug/L	ND	400	400	500	519	125	130	60-140	4	30
Chloroethane	ug/L	ND	400	400	507	490	127	123	60-140	3	30
Chloroform	ug/L	ND	400	400	509	533	126	132	60-140	5	30
Chloromethane	ug/L	ND	400	400	504	524	126	131	60-140	4	30
cis-1,2-Dichloroethene	ug/L	ND	400	400	541	567	135	142	60-140	5	30 M1
cis-1,3-Dichloropropene	ug/L	ND	400	400	494	528	124	132	60-140	7	30
Dibromochloromethane	ug/L	ND	400	400	486	515	122	129	60-140	6	30
Dibromomethane	ug/L	ND	400	400	495	531	124	133	60-140	7	30
Dichlorodifluoromethane	ug/L	ND	400	400	585	603	146	151	60-140	3	30 M1
Diisopropyl ether	ug/L	ND	400	400	500	529	125	132	60-140	6	30
Ethylbenzene	ug/L	58.3	400	400	579	587	130	132	60-140	1	30
Hexachloro-1,3-butadiene	ug/L	ND	400	400	504	563	126	141	60-140	11	30 M1
Isopropylbenzene (Cumene)	ug/L	37.6	400	400	564	567	132	132	60-140	1	30
m&p-Xylene	ug/L	284	800	800	1320	1330	130	131	60-140	1	30

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3349188 3349189													
Parameter	Units	92552893009	MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Max	Qual
		Result	Spike	Spike									
Methyl-tert-butyl ether	ug/L	111	400	400	647	674	134	141	60-140	4	30	M1	
Methylene Chloride	ug/L	ND	400	400	500	515	125	129	60-140	3	30		
n-Butylbenzene	ug/L	ND	400	400	480	531	120	133	60-140	10	30		
n-Propylbenzene	ug/L	ND	400	400	528	555	132	139	60-140	5	30		
Naphthalene	ug/L	80.4	400	400	526	582	111	125	60-140	10	30		
o-Xylene	ug/L	957	400	400	1460	1470	127	127	60-140	0	30		
sec-Butylbenzene	ug/L	ND	400	400	492	537	123	134	60-140	9	30		
Styrene	ug/L	ND	400	400	505	509	126	127	60-140	1	30		
tert-Butylbenzene	ug/L	ND	400	400	414	446	103	111	60-140	7	30		
Tetrachloroethene	ug/L	ND	400	400	523	527	131	132	60-140	1	30		
Toluene	ug/L	513	400	400	1010	1060	125	138	60-140	5	30		
trans-1,2-Dichloroethene	ug/L	ND	400	400	570	591	142	148	60-140	4	30	M1	
trans-1,3-Dichloropropene	ug/L	ND	400	400	467	491	117	123	60-140	5	30		
Trichloroethene	ug/L	ND	400	400	546	578	137	145	60-140	6	30	M1	
Trichlorofluoromethane	ug/L	ND	400	400	564	572	141	143	60-140	1	30	M1	
Vinyl chloride	ug/L	ND	400	400	556	578	139	144	60-140	4	30	M1	
1,2-Dichloroethane-d4 (S)	%						100	100	70-130				
4-Bromofluorobenzene (S)	%						102	99	70-130				
Toluene-d8 (S)	%						99	99	70-130				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 INCIDENT

Pace Project No.: 92553048

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92553048001	DUP-1	MADEP VPH	638369		
92553048002	FB-1	MADEP VPH	638369		
92553048001	DUP-1	EPA 3010A	638560	EPA 6010D	638703
92553048002	FB-1	EPA 3010A	638560	EPA 6010D	638703
92553048001	DUP-1	SM 6200B	637982		
92553048002	FB-1	SM 6200B	637982		
92553048003	TRIP BLANK	SM 6200B	637982		

REPORT OF LABORATORY ANALYSIS

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Billing Information:

Company: Apex Companies
Address: _____

Report To:

Report To: Andrew Street
Conv To:

Email To:

Site Collection Info/Address: 19990 S. Street 6 adaxcds.com

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate
(6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate,
(C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

92553048



MO#: 92553048

Order Number or

Page 20 of 21

[illegible]



Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO# : 92553048

PM: AMB

Due Date: 08/10/21

CLIENT: 92-APEX MOOR

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 23, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92554456

Dear Andrew Street:

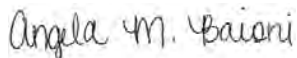
Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92554456

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification #: 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification #: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LA000356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinney Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554456001	14226_HC_RD_20210810	Water	08/10/21 10:35	08/10/21 13:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554456001	14226_HC_RD_20210810	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

Sample: 14226_HC_RD_20210810 Lab ID: 92554456001 Collected: 08/10/21 10:35 Received: 08/10/21 13:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 15:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 15:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 15:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 15:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/13/21 15:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	102	%	70-130		1		08/13/21 15:16	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	8.8	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 15:39	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	ug/L	200	150	1	08/16/21 19:01	08/16/21 19:01	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 19:01	08/16/21 19:01	2037-26-5	
4-Bromofluorobenzene (S)	89.6	%	77.0-126		1	08/16/21 19:01	08/16/21 19:01	460-00-4	
1,2-Dichloroethane-d4 (S)	96.3	%	70.0-130		1	08/16/21 19:01	08/16/21 19:01	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 01:30	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 01:30	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 01:30	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 01:30	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 01:30	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 01:30	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 01:30	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 01:30	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 01:30	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 01:30	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 01:30	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 01:30	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 01:30	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 01:30	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 01:30	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/13/21 01:30	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 01:30	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 01:30	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 01:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 01:30	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 01:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 01:30	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 01:30	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

Sample: 14226_HC_RD_20210810 Lab ID: 92554456001 Collected: 08/10/21 10:35 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 01:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 01:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 01:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 01:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 01:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 01:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 01:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 01:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 01:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 01:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 01:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 01:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 01:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 01:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 01:30	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 01:30	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 01:30	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 01:30	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 01:30	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 01:30	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 01:30	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 01:30	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 01:30	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 01:30	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 01:30	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 01:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 01:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 01:30	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 01:30	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 01:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 01:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 01:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 01:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 01:30	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 01:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 01:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 01:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 01:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 01:30	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 01:30	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 01:30	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 01:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		08/13/21 01:30	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/13/21 01:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

Sample: 14226_HC_RD_20210810		Lab ID: 92554456001		Collected: 08/10/21 10:35		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/13/21 01:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

QC Batch: 640315	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554456001

METHOD BLANK: 3360721 Matrix: Water

Associated Lab Samples: 92554456001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
4-Bromofluorobenzene (FID) (S)	%	89	70-130		08/13/21 13:51	
4-Bromofluorobenzene (PID) (S)	%	95	70-130		08/13/21 13:51	

LABORATORY CONTROL SAMPLE & LCSD: 3360722

LABORATORY CONTROL SAMPLE & LCSD: 3360722			3360723							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	332	289	111	96	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	119	112	119	112	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	105	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

QC Batch: 640515

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554456001

METHOD BLANK: 3361758

Matrix: Water

Associated Lab Samples: 92554456001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/17/21 15:26	

LABORATORY CONTROL SAMPLE: 3361759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361760 3361761

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	8.8	500	500	491	479	97	94	75-125	3	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

QC Batch: 1724119

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92554456001

METHOD BLANK: R3692612-2

Matrix: Water

Associated Lab Samples: 92554456001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	ug/L	ND	200	150	08/16/21 10:09	
Toluene-d8 (S)	%	107	80.0-120		08/16/21 10:09	
4-Bromofluorobenzene (S)	%	90.2	77.0-126		08/16/21 10:09	
1,2-Dichloroethane-d4 (S)	%	96.3	70.0-130		08/16/21 10:09	

LABORATORY CONTROL SAMPLE: R3692612-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	ug/L	2000	1960	98.0	70.0-130	
Toluene-d8 (S)	%			107	80.0-120	
4-Bromofluorobenzene (S)	%			92.2	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.1	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554456

QC Batch: 639946	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554456001

METHOD BLANK: 3358834 Matrix: Water
Associated Lab Samples: 92554456001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:53	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:53	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:53	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:53	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:53	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:53	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:53	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:53	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:53	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:53	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:53	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554456

METHOD BLANK: 3358834

Matrix: Water

Associated Lab Samples: 92554456001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:53	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:53	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:53	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:53	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:53	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:53	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:53	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:53	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:53	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:53	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:53	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:53	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:53	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:53	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/12/21 21:53	
4-Bromofluorobenzene (S)	%	101	70-130		08/12/21 21:53	
Toluene-d8 (S)	%	100	70-130		08/12/21 21:53	

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	49.4	99	60-140	
1,1-Dichloropropene	ug/L	50	49.4	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.3	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	
1,3-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.0	94	60-140	
2-Chlorotoluene	ug/L	50	48.4	97	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	52.4	105	60-140	
Bromomethane	ug/L	50	43.5	87	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	39.0	78	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	39.1	78	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.3	103	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	46.8	94	60-140	
Ethanol	ug/L	2000	1960	98	60-140	
Ethyl-tert-butyl ether	ug/L	100	98.4	98	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	47.2	94	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	47.3	95	60-140	
n-Propylbenzene	ug/L	50	46.4	93	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	47.5	95	60-140	
sec-Butylbenzene	ug/L	50	45.6	91	60-140	
Styrene	ug/L	50	49.7	99	60-140	
tert-Amyl Alcohol	ug/L	1000	965	97	60-140	
tert-Amylmethyl ether	ug/L	100	96.3	96	60-140	
tert-Butyl Alcohol	ug/L	500	483	97	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	44.7	89	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358836 3358837

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.9	93	89	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	19.3	99	97	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.1	17.7	91	88	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.5	20.1	102	101	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	19.7	100	99	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	17.0	90	85	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.8	89	84	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.7	17.4	89	87	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.3	17.9	92	89	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.8	18.5	94	92	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.3	17.3	91	86	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.5	17.7	92	89	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.0	17.9	90	89	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	17.3	89	87	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.5	20.3	102	101	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	17.7	92	89	60-140	4	30	
4-Chlorotoluene	ug/L	ND	20	20	17.8	17.1	89	86	60-140	4	30	
Benzene	ug/L	ND	20	20	19.2	19.1	96	96	60-140	0	30	
Bromobenzene	ug/L	ND	20	20	17.6	16.7	88	83	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.3	95	91	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.3	17.8	91	89	60-140	3	30	
Bromomethane	ug/L	ND	20	20	22.2	19.5	111	98	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3358836	3358837								
Parameter	Units	92554456001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	20	20	18.7	18.4	93	92	60-140	2	30	
Chloroethane	ug/L	ND	20	20	18.8	19.7	94	99	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.3	18.8	97	94	60-140	3	30	
Chloromethane	ug/L	ND	20	20	16.3	16.1	82	81	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	18.3	93	92	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.4	91	92	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	18.6	94	93	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	19.0	18.8	95	94	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	17.8	92	89	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.9	17.4	89	87	60-140	3	30	
Ethanol	ug/L	ND	800	800	637	709	80	89	60-140	11	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	36.6	36.4	92	91	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	19.1	18.4	95	92	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.1	100	95	60-140	4	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	37.5	36.3	94	91	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	19.7	18.7	98	94	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30	
Naphthalene	ug/L	ND	20	20	16.2	15.7	81	78	60-140	3	30	
o-Xylene	ug/L	ND	20	20	18.2	17.3	91	87	60-140	5	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.4	95	92	60-140	3	30	
Styrene	ug/L	ND	20	20	18.1	17.4	91	87	60-140	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	339	335	85	84	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	36.5	36.1	91	90	60-140	1	30	
tert-Butyl Alcohol	ug/L	ND	200	200	192	210	96	105	60-140	9	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	19.0	99	95	60-140	4	30	
Toluene	ug/L	ND	20	20	19.2	18.6	96	93	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.2	19.2	96	96	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.1	93	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	98	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	18.9	98	94	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92554456

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554456001	14226_HC_RD_20210810	MADEP VPH	640315		
92554456001	14226_HC_RD_20210810	EPA 3010A	640515	EPA 6010D	640784
92554456001	14226_HC_RD_20210810	6200B-2011	1724119	SM 6200B	1724119
92554456001	14226_HC_RD_20210810	SM 6200B	639946		

REPORT OF LABORATORY ANALYSIS

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WO#: 92554456

ALL SHAD

92554456

Container Preservative Type

LAB USE ONLY - Affix Work

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

Company: Apex Companies

Address:

Report To: Andrew Street

Copy To:

Customer Project Name/Number: 2020-11-2448 Incident

Phone:

Email:

Site/Facility ID #:

Purchase Order #:

Quote #:

Turnaround Date Required:

Rush:

Sample Disposal:

Archive:

Hold:

Matrix Codes (Insert in Matrix box below): Drinking Water (GW), Ground Water (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Date

Time

Composite End

Date

Time

Res

CI

of Ctns

Wet

Blue

Dry

None

Type of Ice Used:

Packing Material Used:

Radchem sample(s) screened (<500 cpm):

Y N NA

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

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Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

Relinquished by/Company: (Signature)

Date/Time:

August 23, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92554466

Dear Andrew Street:

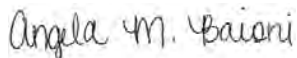
Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92554466

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification #: 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification #: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LA000356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinney Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554466001	13835_AC_RD_20210810	Water	08/10/21 11:20	08/10/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554466001	13835_AC_RD_20210810	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

Sample: 13835_AC_RD_20210810 Lab ID: 92554466001 Collected: 08/10/21 11:20 Received: 08/10/21 13:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 15:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 15:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 15:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 15:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	99	%	70-130		1		08/13/21 15:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/13/21 15:45	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 15:52	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	ug/L	200	150	1	08/16/21 17:01	08/16/21 17:01	71-36-3	
Surrogates									
Toluene-d8 (S)	109	%	80.0-120		1	08/16/21 17:01	08/16/21 17:01	2037-26-5	
4-Bromofluorobenzene (S)	89.6	%	77.0-126		1	08/16/21 17:01	08/16/21 17:01	460-00-4	
1,2-Dichloroethane-d4 (S)	94.8	%	70.0-130		1	08/16/21 17:01	08/16/21 17:01	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 01:48	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 01:48	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 01:48	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 01:48	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 01:48	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 01:48	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 01:48	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 01:48	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 01:48	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 01:48	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 01:48	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 01:48	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 01:48	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 01:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 01:48	75-00-3	
Chloroform	0.50	ug/L	0.50	0.35	1		08/13/21 01:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 01:48	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 01:48	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 01:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 01:48	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 01:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 01:48	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 01:48	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

Sample: 13835_AC_RD_20210810 Lab ID: 92554466001 Collected: 08/10/21 11:20 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 01:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 01:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 01:48	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 01:48	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 01:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 01:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 01:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 01:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 01:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 01:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 01:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 01:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 01:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 01:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 01:48	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 01:48	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 01:48	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 01:48	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 01:48	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 01:48	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 01:48	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 01:48	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 01:48	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 01:48	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 01:48	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 01:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 01:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 01:48	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 01:48	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 01:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 01:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 01:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 01:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 01:48	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 01:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 01:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 01:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 01:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 01:48	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 01:48	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 01:48	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 01:48	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		08/13/21 01:48	17060-07-0	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/13/21 01:48	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

Sample: 13835_AC_RD_20210810		Lab ID: 92554466001		Collected: 08/10/21 11:20		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	100	%	70-130		1		08/13/21 01:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554466

QC Batch:	640315	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554466001

METHOD BLANK: 3360721 Matrix: Water
Associated Lab Samples: 92554466001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
4-Bromofluorobenzene (FID) (S)	%	89	70-130		08/13/21 13:51	
4-Bromofluorobenzene (PID) (S)	%	95	70-130		08/13/21 13:51	

LABORATORY CONTROL SAMPLE & LCSD: 3360722			3360723							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	332	289	111	96	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	119	112	119	112	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	105	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

QC Batch: 640515

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554466001

METHOD BLANK: 3361758

Matrix: Water

Associated Lab Samples: 92554466001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/17/21 15:26	

LABORATORY CONTROL SAMPLE: 3361759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361760 3361761

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	8.8	500	500	491	479	97	94	75-125	3	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554466

QC Batch: 1724119	Analysis Method: SM 6200B
QC Batch Method: 6200B-2011	Analysis Description: VOA (GC/MS) 6200B-2011
	Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92554466001

METHOD BLANK: R3692612-2 Matrix: Water

Associated Lab Samples: 92554466001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	ug/L	ND	200	150	08/16/21 10:09	
Toluene-d8 (S)	%	107	80.0-120		08/16/21 10:09	
4-Bromofluorobenzene (S)	%	90.2	77.0-126		08/16/21 10:09	
1,2-Dichloroethane-d4 (S)	%	96.3	70.0-130		08/16/21 10:09	

LABORATORY CONTROL SAMPLE: R3692612-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	ug/L	2000	1960	98.0	70.0-130	
Toluene-d8 (S)	%			107	80.0-120	
4-Bromofluorobenzene (S)	%			92.2	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.1	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554466

QC Batch: 639946	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554466001

METHOD BLANK: 3358834 Matrix: Water
Associated Lab Samples: 92554466001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:53	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:53	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:53	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:53	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:53	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:53	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:53	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:53	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:53	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:53	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:53	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554466

METHOD BLANK: 3358834

Matrix: Water

Associated Lab Samples: 92554466001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:53	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:53	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:53	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:53	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:53	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:53	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:53	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:53	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:53	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:53	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:53	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:53	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:53	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:53	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/12/21 21:53	
4-Bromofluorobenzene (S)	%	101	70-130		08/12/21 21:53	
Toluene-d8 (S)	%	100	70-130		08/12/21 21:53	

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	49.4	99	60-140	
1,1-Dichloropropene	ug/L	50	49.4	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.3	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	
1,3-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.0	94	60-140	
2-Chlorotoluene	ug/L	50	48.4	97	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	52.4	105	60-140	
Bromomethane	ug/L	50	43.5	87	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	39.0	78	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	39.1	78	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.3	103	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	46.8	94	60-140	
Ethanol	ug/L	2000	1960	98	60-140	
Ethyl-tert-butyl ether	ug/L	100	98.4	98	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	47.2	94	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	47.3	95	60-140	
n-Propylbenzene	ug/L	50	46.4	93	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	47.5	95	60-140	
sec-Butylbenzene	ug/L	50	45.6	91	60-140	
Styrene	ug/L	50	49.7	99	60-140	
tert-Amyl Alcohol	ug/L	1000	965	97	60-140	
tert-Amylmethyl ether	ug/L	100	96.3	96	60-140	
tert-Butyl Alcohol	ug/L	500	483	97	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	44.7	89	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358836 3358837

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.9	93	89	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	19.3	99	97	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.1	17.7	91	88	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.5	20.1	102	101	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	19.7	100	99	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	17.0	90	85	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.8	89	84	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.7	17.4	89	87	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.3	17.9	92	89	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.8	18.5	94	92	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.3	17.3	91	86	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.5	17.7	92	89	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.0	17.9	90	89	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	17.3	89	87	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.5	20.3	102	101	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	17.7	92	89	60-140	4	30	
4-Chlorotoluene	ug/L	ND	20	20	17.8	17.1	89	86	60-140	4	30	
Benzene	ug/L	ND	20	20	19.2	19.1	96	96	60-140	0	30	
Bromobenzene	ug/L	ND	20	20	17.6	16.7	88	83	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.3	95	91	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.3	17.8	91	89	60-140	3	30	
Bromomethane	ug/L	ND	20	20	22.2	19.5	111	98	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3358836	3358837								
Parameter	Units	92554456001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	20	20	18.7	18.4	93	92	60-140	2	30	
Chloroethane	ug/L	ND	20	20	18.8	19.7	94	99	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.3	18.8	97	94	60-140	3	30	
Chloromethane	ug/L	ND	20	20	16.3	16.1	82	81	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	18.3	93	92	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.4	91	92	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	18.6	94	93	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	19.0	18.8	95	94	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	17.8	92	89	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.9	17.4	89	87	60-140	3	30	
Ethanol	ug/L	ND	800	800	637	709	80	89	60-140	11	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	36.6	36.4	92	91	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	19.1	18.4	95	92	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.1	100	95	60-140	4	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	37.5	36.3	94	91	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	19.7	18.7	98	94	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30	
Naphthalene	ug/L	ND	20	20	16.2	15.7	81	78	60-140	3	30	
o-Xylene	ug/L	ND	20	20	18.2	17.3	91	87	60-140	5	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.4	95	92	60-140	3	30	
Styrene	ug/L	ND	20	20	18.1	17.4	91	87	60-140	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	339	335	85	84	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	36.5	36.1	91	90	60-140	1	30	
tert-Butyl Alcohol	ug/L	ND	200	200	192	210	96	105	60-140	9	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	19.0	99	95	60-140	4	30	
Toluene	ug/L	ND	20	20	19.2	18.6	96	93	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.2	19.2	96	96	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.1	93	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	98	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	18.9	98	94	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92554466

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554466001	13835_AC_RD_20210810	MADEP VPH	640315		
92554466001	13835_AC_RD_20210810	EPA 3010A	640515	EPA 6010D	640784
92554466001	13835_AC_RD_20210810	6200B-2011	1724119	SM 6200B	1724119
92554466001	13835_AC_RD_20210810	SM 6200B	639946		

REPORT OF LABORATORY ANALYSIS

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Document Name:
Sample Condition Upon Receipt(SCUR)
Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project

WO#: 92554466

PM: AMB

Due Date: 08/17/21

CLIENT: 92-APEX MOOR

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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 23, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92554497

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92554497

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification #: 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification #: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
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Indiana Certification #: C-TN-01
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Kansas Certification #: E-10277
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Louisiana DW Certification #: LA180010
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Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
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New York Certification #: 11742
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North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LA000356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinney Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554497001	14401_HC_RD_20210810	Water	08/10/21 09:20	08/10/21 13:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554497001	14401_HC_RD_20210810	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

Sample: 14401_HC_RD_20210810 Lab ID: 92554497001 Collected: 08/10/21 09:20 Received: 08/10/21 13:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 16:16		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 16:16		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 16:16		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 16:16		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	83	%	70-130		1		08/13/21 16:16	460-00-4	
4-Bromofluorobenzene (PID) (S)	87	%	70-130		1		08/13/21 16:16	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 15:55	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	ug/L	200	150	1	08/16/21 18:21	08/16/21 18:21	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 18:21	08/16/21 18:21	2037-26-5	
4-Bromofluorobenzene (S)	88.6	%	77.0-126		1	08/16/21 18:21	08/16/21 18:21	460-00-4	
1,2-Dichloroethane-d4 (S)	94.8	%	70.0-130		1	08/16/21 18:21	08/16/21 18:21	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 02:06	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 02:06	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 02:06	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 02:06	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 02:06	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 02:06	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 02:06	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 02:06	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 02:06	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 02:06	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 02:06	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 02:06	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 02:06	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 02:06	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 02:06	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/13/21 02:06	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 02:06	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 02:06	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 02:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 02:06	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 02:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 02:06	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 02:06	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

Sample: 14401_HC_RD_20210810 Lab ID: 92554497001 Collected: 08/10/21 09:20 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 02:06	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 02:06	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 02:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 02:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 02:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 02:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 02:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 02:06	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 02:06	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 02:06	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 02:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 02:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 02:06	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 02:06	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 02:06	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 02:06	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 02:06	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 02:06	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 02:06	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 02:06	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 02:06	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 02:06	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:06	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 02:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 02:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 02:06	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 02:06	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 02:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 02:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 02:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 02:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 02:06	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 02:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 02:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 02:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 02:06	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 02:06	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 02:06	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 02:06	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 02:06	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		08/13/21 02:06	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/13/21 02:06	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

Sample: 14401_HC_RD_20210810		Lab ID: 92554497001		Collected: 08/10/21 09:20		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/13/21 02:06	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

QC Batch: 640315	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554497001

METHOD BLANK: 3360721 Matrix: Water

Associated Lab Samples: 92554497001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
4-Bromofluorobenzene (FID) (S)	%	89	70-130		08/13/21 13:51	
4-Bromofluorobenzene (PID) (S)	%	95	70-130		08/13/21 13:51	

LABORATORY CONTROL SAMPLE & LCSD: 3360722

		3360723								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	332	289	111	96	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	119	112	119	112	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	105	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

QC Batch:	640515	Analysis Method:	EPA 6010D
QC Batch Method:	EPA 3010A	Analysis Description:	6010 MET
		Laboratory:	Pace Analytical Services - Asheville

Associated Lab Samples: 92554497001

METHOD BLANK: 3361758 Matrix: Water

Associated Lab Samples: 92554497001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/17/21 15:26	

LABORATORY CONTROL SAMPLE: 3361759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361760 3361761

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	8.8	500	500	491	479	97	94	75-125	3	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

QC Batch: 1724119

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92554497001

METHOD BLANK: R3692612-2

Matrix: Water

Associated Lab Samples: 92554497001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	ug/L	ND	200	150	08/16/21 10:09	
Toluene-d8 (S)	%	107	80.0-120		08/16/21 10:09	
4-Bromofluorobenzene (S)	%	90.2	77.0-126		08/16/21 10:09	
1,2-Dichloroethane-d4 (S)	%	96.3	70.0-130		08/16/21 10:09	

LABORATORY CONTROL SAMPLE: R3692612-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	ug/L	2000	1960	98.0	70.0-130	
Toluene-d8 (S)	%			107	80.0-120	
4-Bromofluorobenzene (S)	%			92.2	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.1	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554497

QC Batch: 639946	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554497001

METHOD BLANK: 3358834 Matrix: Water
Associated Lab Samples: 92554497001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:53	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:53	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:53	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:53	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:53	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:53	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:53	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:53	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:53	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:53	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:53	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554497

METHOD BLANK: 3358834

Matrix: Water

Associated Lab Samples: 92554497001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:53	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:53	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:53	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:53	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:53	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:53	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:53	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:53	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:53	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:53	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:53	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:53	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:53	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:53	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/12/21 21:53	
4-Bromofluorobenzene (S)	%	101	70-130		08/12/21 21:53	
Toluene-d8 (S)	%	100	70-130		08/12/21 21:53	

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	49.4	99	60-140	
1,1-Dichloropropene	ug/L	50	49.4	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.3	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	
1,3-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.0	94	60-140	
2-Chlorotoluene	ug/L	50	48.4	97	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	52.4	105	60-140	
Bromomethane	ug/L	50	43.5	87	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	39.0	78	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	39.1	78	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.3	103	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	46.8	94	60-140	
Ethanol	ug/L	2000	1960	98	60-140	
Ethyl-tert-butyl ether	ug/L	100	98.4	98	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	47.2	94	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	47.3	95	60-140	
n-Propylbenzene	ug/L	50	46.4	93	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	47.5	95	60-140	
sec-Butylbenzene	ug/L	50	45.6	91	60-140	
Styrene	ug/L	50	49.7	99	60-140	
tert-Amyl Alcohol	ug/L	1000	965	97	60-140	
tert-Amylmethyl ether	ug/L	100	96.3	96	60-140	
tert-Butyl Alcohol	ug/L	500	483	97	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	44.7	89	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358836 3358837

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.9	93	89	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	19.3	99	97	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.1	17.7	91	88	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.5	20.1	102	101	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	19.7	100	99	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	17.0	90	85	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.8	89	84	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.7	17.4	89	87	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.3	17.9	92	89	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.8	18.5	94	92	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.3	17.3	91	86	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.5	17.7	92	89	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.0	17.9	90	89	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	17.3	89	87	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.5	20.3	102	101	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	17.7	92	89	60-140	4	30	
4-Chlorotoluene	ug/L	ND	20	20	17.8	17.1	89	86	60-140	4	30	
Benzene	ug/L	ND	20	20	19.2	19.1	96	96	60-140	0	30	
Bromobenzene	ug/L	ND	20	20	17.6	16.7	88	83	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.3	95	91	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.3	17.8	91	89	60-140	3	30	
Bromomethane	ug/L	ND	20	20	22.2	19.5	111	98	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3358836	3358837								
Parameter	Units	92554456001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	20	20	18.7	18.4	93	92	60-140	2	30	
Chloroethane	ug/L	ND	20	20	18.8	19.7	94	99	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.3	18.8	97	94	60-140	3	30	
Chloromethane	ug/L	ND	20	20	16.3	16.1	82	81	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	18.3	93	92	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.4	91	92	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	18.6	94	93	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	19.0	18.8	95	94	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	17.8	92	89	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.9	17.4	89	87	60-140	3	30	
Ethanol	ug/L	ND	800	800	637	709	80	89	60-140	11	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	36.6	36.4	92	91	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	19.1	18.4	95	92	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.1	100	95	60-140	4	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	37.5	36.3	94	91	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	19.7	18.7	98	94	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30	
Naphthalene	ug/L	ND	20	20	16.2	15.7	81	78	60-140	3	30	
o-Xylene	ug/L	ND	20	20	18.2	17.3	91	87	60-140	5	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.4	95	92	60-140	3	30	
Styrene	ug/L	ND	20	20	18.1	17.4	91	87	60-140	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	339	335	85	84	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	36.5	36.1	91	90	60-140	1	30	
tert-Butyl Alcohol	ug/L	ND	200	200	192	210	96	105	60-140	9	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	19.0	99	95	60-140	4	30	
Toluene	ug/L	ND	20	20	19.2	18.6	96	93	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.2	19.2	96	96	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.1	93	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	98	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	18.9	98	94	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92554497

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554497001	14401_HC_RD_20210810	MADEP VPH	640315		
92554497001	14401_HC_RD_20210810	EPA 3010A	640515	EPA 6010D	640784
92554497001	14401_HC_RD_20210810	6200B-2011	1724119	SM 6200B	1724119
92554497001	14401_HC_RD_20210810	SM 6200B	639946		

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*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHG
****Bottom half of box is to list number of bottles**

Project

W0# : 92554497

PM: AMB

Due Date: 08/17/21

CLIENT: 92-APEX M00R

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pH Adjustment Log for Preserved Samples						
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 23, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92554504

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LA000356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: VT2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554504001	13926B_HC_RD_20210810	Water	08/10/21 11:50	08/10/21 13:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554504001	13926B_HC_RD_20210810	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

Sample: 13926B_HC_RD_20210810 Lab ID: 92554504001 Collected: 08/10/21 11:50 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 16:45		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 16:45		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 16:45		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 16:45		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/13/21 16:45	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/13/21 16:45	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 15:58	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	ug/L	200	150	1	08/16/21 18:01	08/16/21 18:01	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 18:01	08/16/21 18:01	2037-26-5	
4-Bromofluorobenzene (S)	89.9	%	77.0-126		1	08/16/21 18:01	08/16/21 18:01	460-00-4	
1,2-Dichloroethane-d4 (S)	94.9	%	70.0-130		1	08/16/21 18:01	08/16/21 18:01	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 02:24	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 02:24	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 02:24	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 02:24	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 02:24	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 02:24	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 02:24	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 02:24	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 02:24	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 02:24	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 02:24	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 02:24	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 02:24	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 02:24	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 02:24	75-00-3	
Chloroform	9.5	ug/L	0.50	0.35	1		08/13/21 02:24	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 02:24	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 02:24	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 02:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 02:24	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 02:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 02:24	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 02:24	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

Sample: 13926B_HC_RD_20210810 Lab ID: 92554504001 Collected: 08/10/21 11:50 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 02:24	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 02:24	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 02:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 02:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 02:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 02:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 02:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 02:24	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 02:24	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 02:24	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 02:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 02:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 02:24	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 02:24	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 02:24	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 02:24	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 02:24	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 02:24	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 02:24	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 02:24	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 02:24	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 02:24	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:24	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 02:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 02:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 02:24	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 02:24	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 02:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 02:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 02:24	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 02:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 02:24	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 02:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 02:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 02:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 02:24	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 02:24	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 02:24	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 02:24	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 02:24	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		08/13/21 02:24	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		08/13/21 02:24	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

Sample: 13926B_HC_RD_20210810		Lab ID: 92554504001		Collected: 08/10/21 11:50		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates									
Toluene-d8 (S)	102	%	70-130		1		08/13/21 02:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554504

QC Batch: 640315	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554504001

METHOD BLANK: 3360721 Matrix: Water
Associated Lab Samples: 92554504001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
4-Bromofluorobenzene (FID) (S)	%	89	70-130		08/13/21 13:51	
4-Bromofluorobenzene (PID) (S)	%	95	70-130		08/13/21 13:51	

LABORATORY CONTROL SAMPLE & LCSD: 3360722			3360723							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	332	289	111	96	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	119	112	119	112	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	105	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

QC Batch: 640515

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554504001

METHOD BLANK: 3361758

Matrix: Water

Associated Lab Samples: 92554504001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/17/21 15:26	

LABORATORY CONTROL SAMPLE: 3361759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361760 3361761

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	8.8	500	500	491	479	97	94	75-125	3	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

QC Batch:	1724119	Analysis Method:	SM 6200B
QC Batch Method:	6200B-2011	Analysis Description:	VOA (GC/MS) 6200B-2011
		Laboratory:	Pace National - Mt. Juliet

Associated Lab Samples: 92554504001

METHOD BLANK: R3692612-2 Matrix: Water

Associated Lab Samples: 92554504001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	ug/L	ND	200	150	08/16/21 10:09	
Toluene-d8 (S)	%	107	80.0-120		08/16/21 10:09	
4-Bromofluorobenzene (S)	%	90.2	77.0-126		08/16/21 10:09	
1,2-Dichloroethane-d4 (S)	%	96.3	70.0-130		08/16/21 10:09	

LABORATORY CONTROL SAMPLE: R3692612-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	ug/L	2000	1960	98.0	70.0-130	
Toluene-d8 (S)	%			107	80.0-120	
4-Bromofluorobenzene (S)	%			92.2	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.1	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554504

QC Batch: 639946	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554504001

METHOD BLANK: 3358834 Matrix: Water
Associated Lab Samples: 92554504001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:53	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:53	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:53	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:53	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:53	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:53	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:53	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:53	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:53	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:53	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:53	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554504

METHOD BLANK: 3358834

Matrix: Water

Associated Lab Samples: 92554504001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:53	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:53	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:53	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:53	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:53	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:53	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:53	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:53	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:53	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:53	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:53	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:53	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:53	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:53	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/12/21 21:53	
4-Bromofluorobenzene (S)	%	101	70-130		08/12/21 21:53	
Toluene-d8 (S)	%	100	70-130		08/12/21 21:53	

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	49.4	99	60-140	
1,1-Dichloropropene	ug/L	50	49.4	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.3	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	
1,3-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.0	94	60-140	
2-Chlorotoluene	ug/L	50	48.4	97	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	52.4	105	60-140	
Bromomethane	ug/L	50	43.5	87	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	39.0	78	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	39.1	78	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.3	103	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	46.8	94	60-140	
Ethanol	ug/L	2000	1960	98	60-140	
Ethyl-tert-butyl ether	ug/L	100	98.4	98	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	47.2	94	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	47.3	95	60-140	
n-Propylbenzene	ug/L	50	46.4	93	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	47.5	95	60-140	
sec-Butylbenzene	ug/L	50	45.6	91	60-140	
Styrene	ug/L	50	49.7	99	60-140	
tert-Amyl Alcohol	ug/L	1000	965	97	60-140	
tert-Amylmethyl ether	ug/L	100	96.3	96	60-140	
tert-Butyl Alcohol	ug/L	500	483	97	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	44.7	89	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358836 3358837

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.9	93	89	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	19.3	99	97	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.1	17.7	91	88	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.5	20.1	102	101	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	19.7	100	99	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	17.0	90	85	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.8	89	84	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.7	17.4	89	87	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.3	17.9	92	89	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.8	18.5	94	92	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.3	17.3	91	86	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.5	17.7	92	89	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.0	17.9	90	89	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	17.3	89	87	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.5	20.3	102	101	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	17.7	92	89	60-140	4	30	
4-Chlorotoluene	ug/L	ND	20	20	17.8	17.1	89	86	60-140	4	30	
Benzene	ug/L	ND	20	20	19.2	19.1	96	96	60-140	0	30	
Bromobenzene	ug/L	ND	20	20	17.6	16.7	88	83	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.3	95	91	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.3	17.8	91	89	60-140	3	30	
Bromomethane	ug/L	ND	20	20	22.2	19.5	111	98	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3358836	3358837								
Parameter	Units	92554456001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	20	20	18.7	18.4	93	92	60-140	2	30	
Chloroethane	ug/L	ND	20	20	18.8	19.7	94	99	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.3	18.8	97	94	60-140	3	30	
Chloromethane	ug/L	ND	20	20	16.3	16.1	82	81	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	18.3	93	92	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.4	91	92	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	18.6	94	93	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	19.0	18.8	95	94	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	17.8	92	89	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.9	17.4	89	87	60-140	3	30	
Ethanol	ug/L	ND	800	800	637	709	80	89	60-140	11	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	36.6	36.4	92	91	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	19.1	18.4	95	92	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.1	100	95	60-140	4	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	37.5	36.3	94	91	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	19.7	18.7	98	94	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30	
Naphthalene	ug/L	ND	20	20	16.2	15.7	81	78	60-140	3	30	
o-Xylene	ug/L	ND	20	20	18.2	17.3	91	87	60-140	5	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.4	95	92	60-140	3	30	
Styrene	ug/L	ND	20	20	18.1	17.4	91	87	60-140	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	339	335	85	84	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	36.5	36.1	91	90	60-140	1	30	
tert-Butyl Alcohol	ug/L	ND	200	200	192	210	96	105	60-140	9	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	19.0	99	95	60-140	4	30	
Toluene	ug/L	ND	20	20	19.2	18.6	96	93	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.2	19.2	96	96	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.1	93	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	98	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	18.9	98	94	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92554504

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554504001	13926B_HC_RD_20210810	MADEP VPH	640315		
92554504001	13926B_HC_RD_20210810	EPA 3010A	640515	EPA 6010D	640784
92554504001	13926B_HC_RD_20210810	6200B-2011	1724119	SM 6200B	1724119
92554504001	13926B_HC_RD_20210810	SM 6200B	639946		

REPORT OF LABORATORY ANALYSIS

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Pace Analytical

Document Name:
Sample Condition Upon Receipt(SCUR)

Document No.:
F-CAR-CS-033-Rev.07

Document Revised: October 28, 2020
Page 2 of 2
Issuing Authority:
Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is
verified and within the acceptance range for preservation

samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

*Bottom half of box is to list number of bottles

Project # **W0#: 92554504**

PM: AMB

Due Date: 08/17/21
CLIENT: 92-APEX MOOR

Item#	1	2	3	4	5	6	7	8	9	10	11	12
BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)												
BP3U-250 mL Plastic Unpreserved (N/A)												
BP2U-500 mL Plastic Unpreserved (N/A)												
BP1U-1 liter Plastic Unpreserved (N/A)												
BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)												
BP3N-250 mL Plastic HNO3 (pH < 2)												
BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)												
BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)												
WGFU-Wide-mouthed Glass jar Unpreserved												
AG1U-1 liter Amber Unpreserved (N/A) (Cl-)												
AG1H-1 liter Amber HCl (pH < 2)												
AG3U-250 mL Amber Unpreserved (N/A) (Cl-)												
AG1S-1 liter Amber H2SO4 (pH < 2)												
AG3S-250 mL Amber H2SO4 (pH < 2)												
AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)												
DG9H-40 mL VOA HCl (N/A)												
VG9T-40 mL VOA Na2S2O3 (N/A)												
VG9U-40 mL VOA Unp (N/A)												
DG9P-40 mL VOA H3PO4 (N/A)												
VOAK (6 vials per kit)-5035 kit (N/A)												
V/GK (3 vials per kit)-VPH/Gas kit (N/A)												
SP5T-125 mL Sterile Plastic (N/A) -lab)												
SP2T-250 mL Sterile Plastic (N/A) -lab)												
BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)												
AG0U-100 mL Amber Unpreserved vials (N/A)												
VSGU-20 mL Scintillation vials (N/A)												
DG9U-40 mL Amber Unpreserved vials (N/A)												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 23, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92554512

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LA000356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: VT2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #: 100789

Pace Analytical Services Charlotte

9800 Kinney Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554512001	13800_HC_RD_20210810	Water	08/10/21 08:10	08/10/21 13:20

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554512001	13800_HC_RD_20210810	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

Sample: 13800_HC_RD_20210810 Lab ID: 92554512001 Collected: 08/10/21 08:10 Received: 08/10/21 13:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 17:13		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 17:13		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 17:13		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 17:13		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	101	%	70-130		1		08/13/21 17:13	460-00-4	
4-Bromofluorobenzene (PID) (S)	107	%	70-130		1		08/13/21 17:13	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	10.4	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 16:01	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	ug/L	200	150	1	08/16/21 18:41	08/16/21 18:41	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 18:41	08/16/21 18:41	2037-26-5	
4-Bromofluorobenzene (S)	90.3	%	77.0-126		1	08/16/21 18:41	08/16/21 18:41	460-00-4	
1,2-Dichloroethane-d4 (S)	96.6	%	70.0-130		1	08/16/21 18:41	08/16/21 18:41	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 02:42	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 02:42	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 02:42	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 02:42	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 02:42	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 02:42	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 02:42	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 02:42	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 02:42	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 02:42	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 02:42	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 02:42	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 02:42	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 02:42	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 02:42	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/13/21 02:42	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 02:42	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 02:42	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 02:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 02:42	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 02:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 02:42	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 02:42	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

Sample: 13800_HC_RD_20210810 Lab ID: 92554512001 Collected: 08/10/21 08:10 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 02:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 02:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 02:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 02:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 02:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 02:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 02:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 02:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 02:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 02:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 02:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 02:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 02:42	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 02:42	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 02:42	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 02:42	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 02:42	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 02:42	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 02:42	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 02:42	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 02:42	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 02:42	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 02:42	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 02:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 02:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 02:42	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 02:42	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 02:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 02:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 02:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 02:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 02:42	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 02:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 02:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 02:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 02:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 02:42	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 02:42	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 02:42	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 02:42	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		08/13/21 02:42	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/13/21 02:42	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

Sample: 13800_HC_RD_20210810		Lab ID: 92554512001		Collected: 08/10/21 08:10		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Surrogates Toluene-d8 (S)	100	%	70-130		1		08/13/21 02:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

QC Batch: 640315	Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH	Analysis Description: VPH NC Water
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554512001

METHOD BLANK: 3360721 Matrix: Water

Associated Lab Samples: 92554512001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
4-Bromofluorobenzene (FID) (S)	%	89	70-130		08/13/21 13:51	
4-Bromofluorobenzene (PID) (S)	%	95	70-130		08/13/21 13:51	

LABORATORY CONTROL SAMPLE & LCSD: 3360722

Parameter	Units	3360723								Qualifiers
		Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	
Aliphatic (C05-C08)	ug/L	300	332	289	111	96	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	119	112	119	112	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	105	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

QC Batch: 640515

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554512001

METHOD BLANK: 3361758

Matrix: Water

Associated Lab Samples: 92554512001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/17/21 15:26	

LABORATORY CONTROL SAMPLE: 3361759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361760 3361761

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	8.8	500	500	491	479	97	94	75-125	3	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

QC Batch: 1724119	Analysis Method: SM 6200B
QC Batch Method: 6200B-2011	Analysis Description: VOA (GC/MS) 6200B-2011
	Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92554512001

METHOD BLANK: R3692612-2 Matrix: Water

Associated Lab Samples: 92554512001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	ug/L	ND	200	150	08/16/21 10:09	
Toluene-d8 (S)	%	107	80.0-120		08/16/21 10:09	
4-Bromofluorobenzene (S)	%	90.2	77.0-126		08/16/21 10:09	
1,2-Dichloroethane-d4 (S)	%	96.3	70.0-130		08/16/21 10:09	

LABORATORY CONTROL SAMPLE: R3692612-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	ug/L	2000	1960	98.0	70.0-130	
Toluene-d8 (S)	%			107	80.0-120	
4-Bromofluorobenzene (S)	%			92.2	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.1	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554512

QC Batch: 639946	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554512001

METHOD BLANK: 3358834 Matrix: Water
Associated Lab Samples: 92554512001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:53	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:53	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:53	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:53	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:53	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:53	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:53	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:53	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:53	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:53	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:53	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554512

METHOD BLANK: 3358834

Matrix: Water

Associated Lab Samples: 92554512001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:53	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:53	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:53	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:53	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:53	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:53	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:53	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:53	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:53	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:53	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:53	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:53	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:53	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:53	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/12/21 21:53	
4-Bromofluorobenzene (S)	%	101	70-130		08/12/21 21:53	
Toluene-d8 (S)	%	100	70-130		08/12/21 21:53	

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	49.4	99	60-140	
1,1-Dichloropropene	ug/L	50	49.4	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.3	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	
1,3-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.0	94	60-140	
2-Chlorotoluene	ug/L	50	48.4	97	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	52.4	105	60-140	
Bromomethane	ug/L	50	43.5	87	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	39.0	78	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	39.1	78	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.3	103	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	46.8	94	60-140	
Ethanol	ug/L	2000	1960	98	60-140	
Ethyl-tert-butyl ether	ug/L	100	98.4	98	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	47.2	94	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	47.3	95	60-140	
n-Propylbenzene	ug/L	50	46.4	93	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	47.5	95	60-140	
sec-Butylbenzene	ug/L	50	45.6	91	60-140	
Styrene	ug/L	50	49.7	99	60-140	
tert-Amyl Alcohol	ug/L	1000	965	97	60-140	
tert-Amylmethyl ether	ug/L	100	96.3	96	60-140	
tert-Butyl Alcohol	ug/L	500	483	97	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	44.7	89	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358836 3358837

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.9	93	89	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	19.3	99	97	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.1	17.7	91	88	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.5	20.1	102	101	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	19.7	100	99	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	17.0	90	85	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.8	89	84	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.7	17.4	89	87	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.3	17.9	92	89	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.8	18.5	94	92	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.3	17.3	91	86	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.5	17.7	92	89	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.0	17.9	90	89	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	17.3	89	87	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.5	20.3	102	101	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	17.7	92	89	60-140	4	30	
4-Chlorotoluene	ug/L	ND	20	20	17.8	17.1	89	86	60-140	4	30	
Benzene	ug/L	ND	20	20	19.2	19.1	96	96	60-140	0	30	
Bromobenzene	ug/L	ND	20	20	17.6	16.7	88	83	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.3	95	91	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.3	17.8	91	89	60-140	3	30	
Bromomethane	ug/L	ND	20	20	22.2	19.5	111	98	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3358836	3358837								
Parameter	Units	92554456001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	20	20	18.7	18.4	93	92	60-140	2	30	
Chloroethane	ug/L	ND	20	20	18.8	19.7	94	99	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.3	18.8	97	94	60-140	3	30	
Chloromethane	ug/L	ND	20	20	16.3	16.1	82	81	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	18.3	93	92	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.4	91	92	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	18.6	94	93	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	19.0	18.8	95	94	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	17.8	92	89	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.9	17.4	89	87	60-140	3	30	
Ethanol	ug/L	ND	800	800	637	709	80	89	60-140	11	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	36.6	36.4	92	91	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	19.1	18.4	95	92	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.1	100	95	60-140	4	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	37.5	36.3	94	91	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	19.7	18.7	98	94	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30	
Naphthalene	ug/L	ND	20	20	16.2	15.7	81	78	60-140	3	30	
o-Xylene	ug/L	ND	20	20	18.2	17.3	91	87	60-140	5	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.4	95	92	60-140	3	30	
Styrene	ug/L	ND	20	20	18.1	17.4	91	87	60-140	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	339	335	85	84	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	36.5	36.1	91	90	60-140	1	30	
tert-Butyl Alcohol	ug/L	ND	200	200	192	210	96	105	60-140	9	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	19.0	99	95	60-140	4	30	
Toluene	ug/L	ND	20	20	19.2	18.6	96	93	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.2	19.2	96	96	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.1	93	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	98	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	18.9	98	94	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92554512

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554512001	13800_HC_RD_20210810	MADEP VPH	640315		
92554512001	13800_HC_RD_20210810	EPA 3010A	640515	EPA 6010D	640784
92554512001	13800_HC_RD_20210810	6200B-2011	1724119	SM 6200B	1724119
92554512001	13800_HC_RD_20210810	SM 6200B	639946		

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*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92554512

PM: AMB

Due Date: 08/17/21

CLIENT: 92-APEX MOOR

		Item#	
			BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)
			BP3U-250 mL Plastic Unpreserved (N/A)
			BP2U-500 mL Plastic Unpreserved (N/A)
			BP1U-1 liter Plastic Unpreserved (N/A)
			BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)
			BP3N-250 mL plastic HNO3 (pH < 2)
			BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)
			BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)
			WGFU-Wide-mouthed Glass jar Unpreserved
			AG1U-1 liter Amber Unpreserved (N/A) (Cl-)
			AG1H-1 liter Amber HCl (pH < 2)
			AG3U-250 mL Amber Unpreserved (N/A) (Cl-)
			AG1S-1 liter Amber H2SO4 (pH < 2)
			AG3S-250 mL Amber H2SO4 (pH < 2)
			AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)
	10		DG9H-40 mL VOA HCl (N/A)
			VG9T-40 mL VOA Na2S2O3 (N/A)
			VG9U-40 mL VOA Unp (N/A)
			DG9P-40 mL VOA H3PO4 (N/A)
			VOAK (6 vials per kit)-S035 kit (N/A)
			V/GK (3 vials per kit)-VPH/Gas kit(N/A)
			SP5T-125 mL Sterile Plastic (N/A – lab)
			SP2T-250 mL Sterile Plastic (N/A – lab)
			BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)
			AG0U-100 mL Amber Unpreserved vials (N/A)
			VSGU-20 mL Scintillation vials (N/A)
			DG9U-40 mL Amber Unpreserved vials (N/A)

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 24, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92554518

Dear Andrew Street:

Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122

Alabama Certification #: 40660

Alaska Certification #: 17-026

Arizona Certification #: AZ0612

Arkansas Certification #: 88-0469

California Certification #: 2932

Canada Certification #: 1461.01

Colorado Certification #: TN00003

Connecticut Certification #: PH-0197

DOD Certification #: #1461.01

EPA# TN00003

Florida Certification #: E87487

Georgia DW Certification #: 923

Georgia Certification: NELAP

Idaho Certification #: TN00003

Illinois Certification #: 200008

Indiana Certification #: C-TN-01

Iowa Certification #: 364

Kansas Certification #: E-10277

Kentucky UST Certification #: 16

Kentucky Certification #: 90010

Louisiana Certification #: AI30792

Louisiana DW Certification #: LA180010

Maine Certification #: TN0002

Maryland Certification #: 324

Massachusetts Certification #: M-TN003

Michigan Certification #: 9958

Minnesota Certification #: 047-999-395

Mississippi Certification #: TN00003

Missouri Certification #: 340

Montana Certification #: CERT0086

Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34

New Hampshire Certification #: 2975

New Jersey Certification #: TN002

New Mexico DW Certification

New York Certification #: 11742

North Carolina Aquatic Toxicity Certification #: 41

North Carolina Drinking Water Certification #: 21704

North Carolina Environmental Certificate #: 375

North Dakota Certification #: R-140

Ohio VAP Certification #: CL0069

Oklahoma Certification #: 9915

Oregon Certification #: TN200002

Pennsylvania Certification #: 68-02979

Rhode Island Certification #: LA000356

South Carolina Certification #: 84004

South Dakota Certification

Tennessee DW/Chem/Micro Certification #: 2006

Texas Certification #: T 104704245-17-14

Texas Mold Certification #: LAB0152

USDA Soil Permit #: P330-15-00234

Utah Certification #: TN00003

Vermont Dept. of Health: ID# VT-2006

Virginia Certification #: VT2006

Virginia Certification #: 460132

Washington Certification #: C847

West Virginia Certification #: 233

Wisconsin Certification #: 998093910

Wyoming UST Certification #: via A2LA 2926.01

A2LA-ISO 17025 Certification #: 1461.01

A2LA-ISO 17025 Certification #: 1461.02

AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804

Florida/NELAP Certification #: E87648

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

South Carolina Certification #: 99030001

Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554518001	13926A_HC_RD_20210810	Water	08/10/21 12:30	08/10/21 13:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554518001	13926A_HC_RD_20210810	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

Sample: 13926A_HC_RD_20210810 Lab ID: 92554518001 Collected: 08/10/21 12:30 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 17:42		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 17:42		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 17:42		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 17:42		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	97	%	70-130		1		08/13/21 17:42	460-00-4	
4-Bromofluorobenzene (PID) (S)	103	%	70-130		1		08/13/21 17:42	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 16:05	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011 Pace National - Mt. Juliet									
n-Butanol	ND	ug/L	200	150	1	08/22/21 13:51	08/22/21 13:51	71-36-3	
Surrogates									
Toluene-d8 (S)	108	%	80.0-120		1	08/22/21 13:51	08/22/21 13:51	2037-26-5	
4-Bromofluorobenzene (S)	96.3	%	77.0-126		1	08/22/21 13:51	08/22/21 13:51	460-00-4	
1,2-Dichloroethane-d4 (S)	93.2	%	70.0-130		1	08/22/21 13:51	08/22/21 13:51	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 03:00	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 03:00	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 03:00	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 03:00	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 03:00	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 03:00	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 03:00	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 03:00	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 03:00	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 03:00	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 03:00	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 03:00	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 03:00	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 03:00	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 03:00	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/13/21 03:00	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 03:00	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 03:00	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 03:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 03:00	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 03:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 03:00	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 03:00	74-95-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

Sample: 13926A_HC_RD_20210810 Lab ID: 92554518001 Collected: 08/10/21 12:30 Received: 08/10/21 13:20 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 03:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 03:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 03:00	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 03:00	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 03:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 03:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 03:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 03:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 03:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 03:00	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 03:00	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 03:00	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 03:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 03:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 03:00	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 03:00	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 03:00	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 03:00	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 03:00	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 03:00	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 03:00	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 03:00	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 03:00	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 03:00	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 03:00	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 03:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 03:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 03:00	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 03:00	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 03:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 03:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 03:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 03:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 03:00	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 03:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 03:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 03:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 03:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 03:00	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 03:00	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 03:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 03:00	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		08/13/21 03:00	17060-07-0	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/13/21 03:00	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

Sample: 13926A_HC_RD_20210810		Lab ID: 92554518001		Collected: 08/10/21 12:30		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		08/13/21 03:00	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

QC Batch:	640315	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92554518001		

METHOD BLANK: 3360721 Matrix: Water

Associated Lab Samples: 92554518001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
4-Bromofluorobenzene (FID) (S)	%	89	70-130		08/13/21 13:51	
4-Bromofluorobenzene (PID) (S)	%	95	70-130		08/13/21 13:51	

LABORATORY CONTROL SAMPLE & LCSD: 3360722			3360723							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	332	289	111	96	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	119	112	119	112	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	105	70-130			

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

QC Batch: 640515

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554518001

METHOD BLANK: 3361758

Matrix: Water

Associated Lab Samples: 92554518001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/17/21 15:26	

LABORATORY CONTROL SAMPLE: 3361759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361760 3361761

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	8.8	500	500	491	479	97	94	75-125	3	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

QC Batch: 1727400

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92554518001

METHOD BLANK: R3695308-3

Matrix: Water

Associated Lab Samples: 92554518001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	ug/L	ND	200	150	08/22/21 12:26	
Toluene-d8 (S)	%	107	80.0-120		08/22/21 12:26	
4-Bromofluorobenzene (S)	%	93.4	77.0-126		08/22/21 12:26	
1,2-Dichloroethane-d4 (S)	%	91.9	70.0-130		08/22/21 12:26	

LABORATORY CONTROL SAMPLE: R3695308-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	ug/L	2000	2120	106	70.0-130	
Toluene-d8 (S)	%			108	80.0-120	
4-Bromofluorobenzene (S)	%			95.8	77.0-126	
1,2-Dichloroethane-d4 (S)	%			90.0	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554518

QC Batch: 639946	Analysis Method: SM 6200B
QC Batch Method: SM 6200B	Analysis Description: 6200B MSV
	Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554518001

METHOD BLANK: 3358834 Matrix: Water
Associated Lab Samples: 92554518001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:53	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:53	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:53	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:53	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:53	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:53	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:53	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:53	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:53	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:53	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:53	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554518

METHOD BLANK: 3358834

Matrix: Water

Associated Lab Samples: 92554518001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:53	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:53	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:53	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:53	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:53	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:53	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:53	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:53	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:53	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:53	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:53	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:53	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:53	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:53	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/12/21 21:53	
4-Bromofluorobenzene (S)	%	101	70-130		08/12/21 21:53	
Toluene-d8 (S)	%	100	70-130		08/12/21 21:53	

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	49.4	99	60-140	
1,1-Dichloropropene	ug/L	50	49.4	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.3	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	
1,3-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.0	94	60-140	
2-Chlorotoluene	ug/L	50	48.4	97	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	52.4	105	60-140	
Bromomethane	ug/L	50	43.5	87	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	39.0	78	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	39.1	78	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.3	103	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	46.8	94	60-140	
Ethanol	ug/L	2000	1960	98	60-140	
Ethyl-tert-butyl ether	ug/L	100	98.4	98	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	47.2	94	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	47.3	95	60-140	
n-Propylbenzene	ug/L	50	46.4	93	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	47.5	95	60-140	
sec-Butylbenzene	ug/L	50	45.6	91	60-140	
Styrene	ug/L	50	49.7	99	60-140	
tert-Amyl Alcohol	ug/L	1000	965	97	60-140	
tert-Amylmethyl ether	ug/L	100	96.3	96	60-140	
tert-Butyl Alcohol	ug/L	500	483	97	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	44.7	89	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358836 3358837

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.9	93	89	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	19.3	99	97	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.1	17.7	91	88	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.5	20.1	102	101	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	19.7	100	99	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	17.0	90	85	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.8	89	84	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.7	17.4	89	87	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.3	17.9	92	89	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.8	18.5	94	92	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.3	17.3	91	86	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.5	17.7	92	89	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.0	17.9	90	89	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	17.3	89	87	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.5	20.3	102	101	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	17.7	92	89	60-140	4	30	
4-Chlorotoluene	ug/L	ND	20	20	17.8	17.1	89	86	60-140	4	30	
Benzene	ug/L	ND	20	20	19.2	19.1	96	96	60-140	0	30	
Bromobenzene	ug/L	ND	20	20	17.6	16.7	88	83	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.3	95	91	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.3	17.8	91	89	60-140	3	30	
Bromomethane	ug/L	ND	20	20	22.2	19.5	111	98	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3358836	3358837								
Parameter	Units	92554456001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	20	20	18.7	18.4	93	92	60-140	2	30	
Chloroethane	ug/L	ND	20	20	18.8	19.7	94	99	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.3	18.8	97	94	60-140	3	30	
Chloromethane	ug/L	ND	20	20	16.3	16.1	82	81	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	18.3	93	92	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.4	91	92	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	18.6	94	93	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	19.0	18.8	95	94	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	17.8	92	89	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.9	17.4	89	87	60-140	3	30	
Ethanol	ug/L	ND	800	800	637	709	80	89	60-140	11	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	36.6	36.4	92	91	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	19.1	18.4	95	92	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.1	100	95	60-140	4	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	37.5	36.3	94	91	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	19.7	18.7	98	94	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30	
Naphthalene	ug/L	ND	20	20	16.2	15.7	81	78	60-140	3	30	
o-Xylene	ug/L	ND	20	20	18.2	17.3	91	87	60-140	5	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.4	95	92	60-140	3	30	
Styrene	ug/L	ND	20	20	18.1	17.4	91	87	60-140	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	339	335	85	84	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	36.5	36.1	91	90	60-140	1	30	
tert-Butyl Alcohol	ug/L	ND	200	200	192	210	96	105	60-140	9	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	19.0	99	95	60-140	4	30	
Toluene	ug/L	ND	20	20	19.2	18.6	96	93	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.2	19.2	96	96	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.1	93	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	98	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	18.9	98	94	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92554518

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554518001	13926A_HC_RD_20210810	MADEP VPH	640315		
92554518001	13926A_HC_RD_20210810	EPA 3010A	640515	EPA 6010D	640784
92554518001	13926A_HC_RD_20210810	6200B-2011	1727400	SM 6200B	1727400
92554518001	13926A_HC_RD_20210810	SM 6200B	639946		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Pace Analytical

Company: Apex Companies

Address:

Report To: Andrew Street

Copy To:

Email To: Andrew.Street@apex.com
Site Collection Info/Address: 13926A Huntersville, NC

State: NC County/City: Huntersville

Customer Project Name/Number: 2020-01-2448 Incident

Phone: Site/Facility ID #:

Email: Purchase Order #:

Quote #:

Collected By (print): Naomi Tretz

Collected By (signature): Naomi Tretz

Turnaround Date Required: ASAP

Rush: [] Same Day [] Next Day

[] 2 Day [] 3 Day [] 4 Day [] 5 Day

(Expedite Charges Apply)

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Wastewater (WW),

Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID

Matrix *

Comp / Grab

Collected (or Composite Start)

Date Time

Composite End

Date Time

Res Cl

of Ctns

Wet

Blue

Dry

None

Type of Ice Used:

Packing Material Used:

Radchem sample(s) screened (<500 cpm):

Y N NA

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

Date/Time:

Received by/Company: (Signature)

LAB USE ONLY - Affix W

WO#: 92554518



ALL SHA

92554518

Container Preservative

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N NA
Custody Signatures Present Y N NA
Collector Signature Present Y N NA
Bottles Intact Y N NA
Correct Bottles Y N NA
Sufficient Volume Y N NA
Samples Received on Ice Y N NA
VOA - Headspace Acceptable Y N NA
USDA Regulated Soils Y N NA
Samples in Holding Time Y N NA
Residual Chlorine Present Y N NA
Cl Strips: Y N NA
Sample pH Acceptable Y N NA
pH Strips: 2359 AU Y N NA
Sulfide Present Y N NA
Lead Acetate Strips: Y N NA

LAB USE ONLY:

Lab Sample # / Comments:

92554518

001

Lab Sample Temperature Info:

Temp Blank Received: Y N NA
Therm ID#: 92554518
Cooler 1 Temp Upon Receipt: 8.1 oC
Cooler 1 Therm Corr. Factor: 0.1 oC
Cooler 1 Corrected Temp: 8.0 oC
Comments:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s):

YES / NO

Page: of:

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #:

2602038

Samples received via:

FEDEX UPS Client Courier Pace Courier

Date/Time:

8/10/21 13:20

Date/Time:

Date/Time:

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Table #:

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Table #:

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles.

Project

WO# : 92554518

PM: AMB

Due Date: 08/17/21

CLIENT: 92-APEX MOOR

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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 23, 2021

Andrew Street
Apex Companies - NC
5900 Northwoods Business Pkwy
Suite 5900-0
Charlotte, NC 28269

RE: Project: 2020-L1-2448 Incident
Pace Project No.: 92554531

Dear Andrew Street:

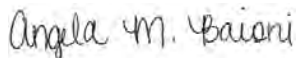
Enclosed are the analytical results for sample(s) received by the laboratory on August 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: J Culbreath, Colonial Pipeline Company
Naomi Fretz, APEX Companies, LLC
Robert Hughes, Colonial Pipeline
Cameron Lee, Montrose-EPS
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Tom Naumann, APEX Companies - NC
Joe Nicolette, Montrose-EPS
Kaitlyn Nootens, Apex Companies

Christopher Schultz, Apex Companies
Matt Teixeira, Apex Companies, LLC
Michael Verdon, Colonial Pipeline Company
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 2020-L1-2448 Incident
Pace Project No.: 92554531

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification #: 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification #: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LA000356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92554531001	Dup-1	Water	08/10/21 00:00	08/10/21 13:20
92554531002	FB-1	Water	08/10/21 00:00	08/10/21 13:20
92554531003	Trip Blank	Water	08/10/21 00:00	08/10/21 13:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554531001	Dup-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	BMB	4	PAN
		SM 6200B	SAS	68	PASI-C
92554531002	FB-1	MADEP VPH	MAD	6	PASI-C
		EPA 6010D	DS	1	PASI-A
		SM 6200B	SAS	68	PASI-C
92554531003	Trip Blank	SM 6200B	SAS	68	PASI-C

PAN = Pace National - Mt. Juliet

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Sample: Dup-1 Lab ID: 92554531001 Collected: 08/10/21 00:00 Received: 08/10/21 13:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 18:10		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 18:10		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 18:10		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 18:10		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	100	%	70-130		1		08/13/21 18:10	460-00-4	
4-Bromofluorobenzene (PID) (S)	105	%	70-130		1		08/13/21 18:10	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 16:08	7439-92-1	
VOA (GC/MS) 6200B-2011									
Analytical Method: SM 6200B Preparation Method: 6200B-2011									
Pace National - Mt. Juliet									
n-Butanol	ND	ug/L	200	150	1	08/16/21 17:21	08/16/21 17:21	71-36-3	
n-Butanol	ND	ug/L	200	150	1	08/16/21 17:41	08/16/21 17:41	71-36-3	
Surrogates									
Toluene-d8 (S)	110	%	80.0-120		1	08/16/21 17:41	08/16/21 17:41	2037-26-5	
Toluene-d8 (S)	108	%	80.0-120		1	08/16/21 17:21	08/16/21 17:21	2037-26-5	
4-Bromofluorobenzene (S)	91.4	%	77.0-126		1	08/16/21 17:41	08/16/21 17:41	460-00-4	
4-Bromofluorobenzene (S)	89.8	%	77.0-126		1	08/16/21 17:21	08/16/21 17:21	460-00-4	
1,2-Dichloroethane-d4 (S)	96.8	%	70.0-130		1	08/16/21 17:41	08/16/21 17:41	17060-07-0	
1,2-Dichloroethane-d4 (S)	96.8	%	70.0-130		1	08/16/21 17:21	08/16/21 17:21	17060-07-0	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/13/21 03:18	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/13/21 03:18	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/13/21 03:18	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/13/21 03:18	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/13/21 03:18	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/13/21 03:18	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/13/21 03:18	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/13/21 03:18	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/13/21 03:18	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/13/21 03:18	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/13/21 03:18	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/13/21 03:18	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/13/21 03:18	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/13/21 03:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/13/21 03:18	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/13/21 03:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/13/21 03:18	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 03:18	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/13/21 03:18	106-43-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Sample: Dup-1		Lab ID: 92554531001		Collected: 08/10/21 00:00		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/13/21 03:18	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/13/21 03:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/13/21 03:18	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/13/21 03:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 03:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/13/21 03:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/13/21 03:18	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/13/21 03:18	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/13/21 03:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 03:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/13/21 03:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 03:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/13/21 03:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/13/21 03:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/13/21 03:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/13/21 03:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/13/21 03:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 03:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/13/21 03:18	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/13/21 03:18	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/13/21 03:18	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/13/21 03:18	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/13/21 03:18	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/13/21 03:18	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/13/21 03:18	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/13/21 03:18	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/13/21 03:18	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/13/21 03:18	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/13/21 03:18	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/13/21 03:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/13/21 03:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/13/21 03:18	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/13/21 03:18	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/13/21 03:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/13/21 03:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/13/21 03:18	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/13/21 03:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/13/21 03:18	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/13/21 03:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/13/21 03:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/13/21 03:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/13/21 03:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/13/21 03:18	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/13/21 03:18	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/13/21 03:18	179601-23-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Sample: Dup-1		Lab ID: 92554531001		Collected: 08/10/21 00:00		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
o-Xylene	ND	ug/L	0.50	0.34	1		08/13/21 03:18	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		08/13/21 03:18	17060-07-0	
4-Bromofluorobenzene (S)	100	%	70-130		1		08/13/21 03:18	460-00-4	
Toluene-d8 (S)	102	%	70-130		1		08/13/21 03:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Sample: FB-1 Lab ID: 92554531002 Collected: 08/10/21 00:00 Received: 08/10/21 13:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
VPH NC Water									
Analytical Method: MADEP VPH									
Pace Analytical Services - Charlotte									
Total VPH (C5-C12)	ND	ug/L	50.0	50.0	1		08/13/21 18:39		N2
Aliphatic (C05-C08)	ND	ug/L	50.0	50.0	1		08/13/21 18:39		N2
Aliphatic(C09-C12) Adjusted	ND	ug/L	50.0	50.0	1		08/13/21 18:39		N2
Aromatic (C09-C10)	ND	ug/L	50.0	50.0	1		08/13/21 18:39		N2
Surrogates									
4-Bromofluorobenzene (FID) (S)	98	%	70-130		1		08/13/21 18:39	460-00-4	
4-Bromofluorobenzene (PID) (S)	104	%	70-130		1		08/13/21 18:39	460-00-4	
6010 MET ICP									
Analytical Method: EPA 6010D Preparation Method: EPA 3010A									
Pace Analytical Services - Asheville									
Lead	ND	ug/L	5.0	4.5	1	08/16/21 16:50	08/17/21 16:18	7439-92-1	
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 22:29	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 22:29	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 22:29	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 22:29	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 22:29	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 22:29	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 22:29	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 22:29	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 22:29	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 22:29	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 22:29	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 22:29	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 22:29	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 22:29	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 22:29	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 22:29	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 22:29	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 22:29	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 22:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 22:29	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 22:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 22:29	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 22:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 22:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 22:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 22:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 22:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 22:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 22:29	156-59-2	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Sample: FB-1 Lab ID: 92554531002 Collected: 08/10/21 00:00 Received: 08/10/21 13:20 Matrix: Water									
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV									
Analytical Method: SM 6200B									
Pace Analytical Services - Charlotte									
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 22:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 22:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 22:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 22:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 22:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 22:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 22:29	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 22:29	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 22:29	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 22:29	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 22:29	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 22:29	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 22:29	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 22:29	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 22:29	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 22:29	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:29	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 22:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 22:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 22:29	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 22:29	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 22:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 22:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 22:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 22:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 22:29	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 22:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 22:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 22:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 22:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 22:29	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 22:29	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 22:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 22:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		08/12/21 22:29	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/12/21 22:29	460-00-4	
Toluene-d8 (S)	101	%	70-130		1		08/12/21 22:29	2037-26-5	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Sample: Trip Blank		Lab ID: 92554531003		Collected: 08/10/21 00:00		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		08/12/21 22:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		08/12/21 22:47	994-05-8	
Benzene	ND	ug/L	0.50	0.34	1		08/12/21 22:47	71-43-2	
Bromobenzene	ND	ug/L	0.50	0.29	1		08/12/21 22:47	108-86-1	
Bromochloromethane	ND	ug/L	0.50	0.47	1		08/12/21 22:47	74-97-5	
Bromodichloromethane	ND	ug/L	0.50	0.31	1		08/12/21 22:47	75-27-4	
Bromoform	ND	ug/L	0.50	0.34	1		08/12/21 22:47	75-25-2	
Bromomethane	ND	ug/L	5.0	1.7	1		08/12/21 22:47	74-83-9	
tert-Butyl Alcohol	ND	ug/L	50.0	26.8	1		08/12/21 22:47	75-65-0	
n-Butylbenzene	ND	ug/L	0.50	0.49	1		08/12/21 22:47	104-51-8	
sec-Butylbenzene	ND	ug/L	0.50	0.40	1		08/12/21 22:47	135-98-8	
tert-Butylbenzene	ND	ug/L	0.50	0.32	1		08/12/21 22:47	98-06-6	
Carbon tetrachloride	ND	ug/L	0.50	0.33	1		08/12/21 22:47	56-23-5	
Chlorobenzene	ND	ug/L	0.50	0.28	1		08/12/21 22:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.65	1		08/12/21 22:47	75-00-3	
Chloroform	ND	ug/L	0.50	0.35	1		08/12/21 22:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.54	1		08/12/21 22:47	74-87-3	
2-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 22:47	95-49-8	
4-Chlorotoluene	ND	ug/L	0.50	0.32	1		08/12/21 22:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.34	1		08/12/21 22:47	96-12-8	
Dibromochloromethane	ND	ug/L	0.50	0.36	1		08/12/21 22:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	0.50	0.27	1		08/12/21 22:47	106-93-4	
Dibromomethane	ND	ug/L	0.50	0.39	1		08/12/21 22:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	0.50	0.33	1		08/12/21 22:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	0.50	0.35	1		08/12/21 22:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	0.50	0.37	1		08/12/21 22:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 22:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	0.50	0.35	1		08/12/21 22:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 22:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.40	1		08/12/21 22:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	0.50	0.36	1		08/12/21 22:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	0.50	0.28	1		08/12/21 22:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	0.50	0.39	1		08/12/21 22:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	0.50	0.43	1		08/12/21 22:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 22:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.36	1		08/12/21 22:47	10061-02-6	
Diisopropyl ether	ND	ug/L	0.50	0.31	1		08/12/21 22:47	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		08/12/21 22:47	64-17-5	
Ethylbenzene	ND	ug/L	0.50	0.30	1		08/12/21 22:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		08/12/21 22:47	637-92-3	
Hexachloro-1,3-butadiene	ND	ug/L	2.0	1.5	1		08/12/21 22:47	87-68-3	
Isopropylbenzene (Cumene)	ND	ug/L	0.50	0.33	1		08/12/21 22:47	98-82-8	
Methylene Chloride	ND	ug/L	2.0	2.0	1		08/12/21 22:47	75-09-2	

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ANALYTICAL RESULTS

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Sample: Trip Blank		Lab ID: 92554531003		Collected: 08/10/21 00:00		Received: 08/10/21 13:20		Matrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6200B MSV		Analytical Method: SM 6200B Pace Analytical Services - Charlotte							
Methyl-tert-butyl ether	ND	ug/L	0.50	0.42	1		08/12/21 22:47	1634-04-4	
Naphthalene	ND	ug/L	2.0	0.64	1		08/12/21 22:47	91-20-3	
n-Propylbenzene	ND	ug/L	0.50	0.34	1		08/12/21 22:47	103-65-1	
Styrene	ND	ug/L	0.50	0.29	1		08/12/21 22:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.31	1		08/12/21 22:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.22	1		08/12/21 22:47	79-34-5	
Tetrachloroethene	ND	ug/L	0.50	0.29	1		08/12/21 22:47	127-18-4	
Toluene	ND	ug/L	0.50	0.48	1		08/12/21 22:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	2.0	0.81	1		08/12/21 22:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.0	0.64	1		08/12/21 22:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	0.50	0.33	1		08/12/21 22:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	0.50	0.32	1		08/12/21 22:47	79-00-5	
Trichloroethene	ND	ug/L	0.50	0.38	1		08/12/21 22:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.30	1		08/12/21 22:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	0.50	0.26	1		08/12/21 22:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.50	1		08/12/21 22:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.33	1		08/12/21 22:47	108-67-8	
Vinyl chloride	ND	ug/L	1.0	0.39	1		08/12/21 22:47	75-01-4	
m&p-Xylene	ND	ug/L	1.0	0.71	1		08/12/21 22:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.34	1		08/12/21 22:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/12/21 22:47	17060-07-0	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/12/21 22:47	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		08/12/21 22:47	2037-26-5	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

QC Batch:	640315	Analysis Method:	MADEP VPH
QC Batch Method:	MADEP VPH	Analysis Description:	VPH NC Water
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554531001, 92554531002

METHOD BLANK: 3360721 Matrix: Water

Associated Lab Samples: 92554531001, 92554531002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Aliphatic (C05-C08)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
Aromatic (C09-C10)	ug/L	ND	50.0	50.0	08/13/21 13:51	N2
4-Bromofluorobenzene (FID) (S)	%	89	70-130		08/13/21 13:51	
4-Bromofluorobenzene (PID) (S)	%	95	70-130		08/13/21 13:51	

LABORATORY CONTROL SAMPLE & LCSD: 3360722

		3360723								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	ug/L	300	332	289	111	96	70-130	14	25	N2
Aromatic (C09-C10)	ug/L	100	119	112	119	112	70-130	7	25	N2
4-Bromofluorobenzene (FID) (S)	%				104	102	70-130			
4-Bromofluorobenzene (PID) (S)	%				107	105	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

QC Batch: 640515

Analysis Method: EPA 6010D

QC Batch Method: EPA 3010A

Analysis Description: 6010 MET

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92554531001, 92554531002

METHOD BLANK: 3361758

Matrix: Water

Associated Lab Samples: 92554531001, 92554531002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	4.5	08/17/21 15:26	

LABORATORY CONTROL SAMPLE: 3361759

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	442	88	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3361760 3361761

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	8.8	500	500	491	479	97	94	75-125	3	20	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

QC Batch: 1724119

Analysis Method: SM 6200B

QC Batch Method: 6200B-2011

Analysis Description: VOA (GC/MS) 6200B-2011

Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92554531001

METHOD BLANK: R3692612-2

Matrix: Water

Associated Lab Samples: 92554531001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
n-Butanol	ug/L	ND	200	150	08/16/21 10:09	
Toluene-d8 (S)	%	107	80.0-120		08/16/21 10:09	
4-Bromofluorobenzene (S)	%	90.2	77.0-126		08/16/21 10:09	
1,2-Dichloroethane-d4 (S)	%	96.3	70.0-130		08/16/21 10:09	

LABORATORY CONTROL SAMPLE: R3692612-1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butanol	ug/L	2000	1960	98.0	70.0-130	
Toluene-d8 (S)	%			107	80.0-120	
4-Bromofluorobenzene (S)	%			92.2	77.0-126	
1,2-Dichloroethane-d4 (S)	%			93.1	70.0-130	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident
Pace Project No.: 92554531

QC Batch: 639946 Analysis Method: SM 6200B
QC Batch Method: SM 6200B Analysis Description: 6200B MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92554531001, 92554531002, 92554531003

METHOD BLANK: 3358834 Matrix: Water
Associated Lab Samples: 92554531001, 92554531002, 92554531003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
1,1,1-Trichloroethane	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	0.22	08/12/21 21:53	
1,1,2-Trichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,1-Dichloroethane	ug/L	ND	0.50	0.37	08/12/21 21:53	
1,1-Dichloroethene	ug/L	ND	0.50	0.35	08/12/21 21:53	
1,1-Dichloropropene	ug/L	ND	0.50	0.43	08/12/21 21:53	
1,2,3-Trichlorobenzene	ug/L	ND	2.0	0.81	08/12/21 21:53	
1,2,3-Trichloropropane	ug/L	ND	0.50	0.26	08/12/21 21:53	
1,2,4-Trichlorobenzene	ug/L	ND	2.0	0.64	08/12/21 21:53	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	0.50	08/12/21 21:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	1.0	0.34	08/12/21 21:53	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	0.27	08/12/21 21:53	
1,2-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,2-Dichloroethane	ug/L	ND	0.50	0.32	08/12/21 21:53	
1,2-Dichloropropane	ug/L	ND	0.50	0.36	08/12/21 21:53	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
1,3-Dichlorobenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
1,3-Dichloropropane	ug/L	ND	0.50	0.28	08/12/21 21:53	
1,4-Dichlorobenzene	ug/L	ND	0.50	0.33	08/12/21 21:53	
2,2-Dichloropropane	ug/L	ND	0.50	0.39	08/12/21 21:53	
2-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
4-Chlorotoluene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Benzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromobenzene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Bromochloromethane	ug/L	ND	0.50	0.47	08/12/21 21:53	
Bromodichloromethane	ug/L	ND	0.50	0.31	08/12/21 21:53	
Bromoform	ug/L	ND	0.50	0.34	08/12/21 21:53	
Bromomethane	ug/L	ND	5.0	1.7	08/12/21 21:53	
Carbon tetrachloride	ug/L	ND	0.50	0.33	08/12/21 21:53	
Chlorobenzene	ug/L	ND	0.50	0.28	08/12/21 21:53	
Chloroethane	ug/L	ND	1.0	0.65	08/12/21 21:53	
Chloroform	ug/L	ND	0.50	0.35	08/12/21 21:53	
Chloromethane	ug/L	ND	1.0	0.54	08/12/21 21:53	
cis-1,2-Dichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
cis-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromochloromethane	ug/L	ND	0.50	0.36	08/12/21 21:53	
Dibromomethane	ug/L	ND	0.50	0.39	08/12/21 21:53	
Dichlorodifluoromethane	ug/L	ND	0.50	0.35	08/12/21 21:53	
Diisopropyl ether	ug/L	ND	0.50	0.31	08/12/21 21:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

METHOD BLANK: 3358834

Matrix: Water

Associated Lab Samples: 92554531001, 92554531002, 92554531003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Ethanol	ug/L	ND	200	72.2	08/12/21 21:53	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	08/12/21 21:53	
Ethylbenzene	ug/L	ND	0.50	0.30	08/12/21 21:53	
Hexachloro-1,3-butadiene	ug/L	ND	2.0	1.5	08/12/21 21:53	
Isopropylbenzene (Cumene)	ug/L	ND	0.50	0.33	08/12/21 21:53	
m&p-Xylene	ug/L	ND	1.0	0.71	08/12/21 21:53	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.42	08/12/21 21:53	
Methylene Chloride	ug/L	ND	2.0	2.0	08/12/21 21:53	
n-Butylbenzene	ug/L	ND	0.50	0.49	08/12/21 21:53	
n-Propylbenzene	ug/L	ND	0.50	0.34	08/12/21 21:53	
Naphthalene	ug/L	ND	2.0	0.64	08/12/21 21:53	
o-Xylene	ug/L	ND	0.50	0.34	08/12/21 21:53	
sec-Butylbenzene	ug/L	ND	0.50	0.40	08/12/21 21:53	
Styrene	ug/L	ND	0.50	0.29	08/12/21 21:53	
tert-Amyl Alcohol	ug/L	ND	100	36.4	08/12/21 21:53	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	08/12/21 21:53	
tert-Butyl Alcohol	ug/L	ND	50.0	26.8	08/12/21 21:53	
tert-Butylbenzene	ug/L	ND	0.50	0.32	08/12/21 21:53	
Tetrachloroethene	ug/L	ND	0.50	0.29	08/12/21 21:53	
Toluene	ug/L	ND	0.50	0.48	08/12/21 21:53	
trans-1,2-Dichloroethene	ug/L	ND	0.50	0.40	08/12/21 21:53	
trans-1,3-Dichloropropene	ug/L	ND	0.50	0.36	08/12/21 21:53	
Trichloroethene	ug/L	ND	0.50	0.38	08/12/21 21:53	
Trichlorofluoromethane	ug/L	ND	1.0	0.30	08/12/21 21:53	
Vinyl chloride	ug/L	ND	1.0	0.39	08/12/21 21:53	
1,2-Dichloroethane-d4 (S)	%	98	70-130		08/12/21 21:53	
4-Bromofluorobenzene (S)	%	101	70-130		08/12/21 21:53	
Toluene-d8 (S)	%	100	70-130		08/12/21 21:53	

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.0	98	60-140	
1,1,1-Trichloroethane	ug/L	50	50.0	100	60-140	
1,1,2,2-Tetrachloroethane	ug/L	50	48.8	98	60-140	
1,1,2-Trichloroethane	ug/L	50	48.2	96	60-140	
1,1-Dichloroethane	ug/L	50	49.4	99	60-140	
1,1-Dichloroethene	ug/L	50	49.4	99	60-140	
1,1-Dichloropropene	ug/L	50	49.4	99	60-140	
1,2,3-Trichlorobenzene	ug/L	50	46.7	93	60-140	
1,2,3-Trichloropropane	ug/L	50	47.8	96	60-140	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	60-140	
1,2,4-Trimethylbenzene	ug/L	50	46.8	94	60-140	
1,2-Dibromo-3-chloropropane	ug/L	50	48.7	97	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	49.5	99	60-140	
1,2-Dichlorobenzene	ug/L	50	48.7	97	60-140	
1,2-Dichloroethane	ug/L	50	47.8	96	60-140	
1,2-Dichloropropane	ug/L	50	49.3	99	60-140	
1,3,5-Trimethylbenzene	ug/L	50	45.9	92	60-140	
1,3-Dichlorobenzene	ug/L	50	49.1	98	60-140	
1,3-Dichloropropane	ug/L	50	48.2	96	60-140	
1,4-Dichlorobenzene	ug/L	50	47.3	95	60-140	
2,2-Dichloropropane	ug/L	50	47.0	94	60-140	
2-Chlorotoluene	ug/L	50	48.4	97	60-140	
4-Chlorotoluene	ug/L	50	46.9	94	60-140	
Benzene	ug/L	50	48.7	97	60-140	
Bromobenzene	ug/L	50	46.7	93	60-140	
Bromochloromethane	ug/L	50	50.7	101	60-140	
Bromodichloromethane	ug/L	50	45.7	91	60-140	
Bromoform	ug/L	50	52.4	105	60-140	
Bromomethane	ug/L	50	43.5	87	60-140	
Carbon tetrachloride	ug/L	50	48.6	97	60-140	
Chlorobenzene	ug/L	50	48.9	98	60-140	
Chloroethane	ug/L	50	39.0	78	60-140	
Chloroform	ug/L	50	48.8	98	60-140	
Chloromethane	ug/L	50	39.1	78	60-140	
cis-1,2-Dichloroethene	ug/L	50	47.4	95	60-140	
cis-1,3-Dichloropropene	ug/L	50	49.7	99	60-140	
Dibromochloromethane	ug/L	50	51.3	103	60-140	
Dibromomethane	ug/L	50	50.6	101	60-140	
Dichlorodifluoromethane	ug/L	50	46.3	93	60-140	
Diisopropyl ether	ug/L	50	46.8	94	60-140	
Ethanol	ug/L	2000	1960	98	60-140	
Ethyl-tert-butyl ether	ug/L	100	98.4	98	60-140	
Ethylbenzene	ug/L	50	48.1	96	60-140	
Hexachloro-1,3-butadiene	ug/L	50	44.1	88	60-140	
Isopropylbenzene (Cumene)	ug/L	50	48.9	98	60-140	
m&p-Xylene	ug/L	100	95.4	95	60-140	
Methyl-tert-butyl ether	ug/L	50	47.2	94	60-140	
Methylene Chloride	ug/L	50	48.8	98	60-140	
n-Butylbenzene	ug/L	50	47.3	95	60-140	
n-Propylbenzene	ug/L	50	46.4	93	60-140	
Naphthalene	ug/L	50	46.8	94	60-140	
o-Xylene	ug/L	50	47.5	95	60-140	
sec-Butylbenzene	ug/L	50	45.6	91	60-140	
Styrene	ug/L	50	49.7	99	60-140	
tert-Amyl Alcohol	ug/L	1000	965	97	60-140	
tert-Amylmethyl ether	ug/L	100	96.3	96	60-140	
tert-Butyl Alcohol	ug/L	500	483	97	60-140	
tert-Butylbenzene	ug/L	50	46.1	92	60-140	
Tetrachloroethene	ug/L	50	49.7	99	60-140	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

LABORATORY CONTROL SAMPLE: 3358835

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.2	96	60-140	
trans-1,2-Dichloroethene	ug/L	50	48.9	98	60-140	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	60-140	
Trichloroethene	ug/L	50	50.2	100	60-140	
Trichlorofluoromethane	ug/L	50	44.7	89	60-140	
Vinyl chloride	ug/L	50	45.3	91	60-140	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358836 3358837

Parameter	Units	92554456001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	18.6	17.9	93	89	60-140	4	30	
1,1,1-Trichloroethane	ug/L	ND	20	20	19.9	19.3	99	97	60-140	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	17.8	17.4	89	87	60-140	2	30	
1,1,2-Trichloroethane	ug/L	ND	20	20	18.1	17.7	91	88	60-140	2	30	
1,1-Dichloroethane	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
1,1-Dichloroethene	ug/L	ND	20	20	20.5	20.1	102	101	60-140	2	30	
1,1-Dichloropropene	ug/L	ND	20	20	20.0	19.7	100	99	60-140	1	30	
1,2,3-Trichlorobenzene	ug/L	ND	20	20	17.9	17.0	90	85	60-140	5	30	
1,2,3-Trichloropropane	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	17.9	16.8	89	84	60-140	6	30	
1,2,4-Trimethylbenzene	ug/L	ND	20	20	17.7	17.4	89	87	60-140	2	30	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	18.3	17.9	92	89	60-140	2	30	
1,2-Dichlorobenzene	ug/L	ND	20	20	17.9	17.4	90	87	60-140	3	30	
1,2-Dichloroethane	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
1,2-Dichloropropane	ug/L	ND	20	20	18.8	18.5	94	92	60-140	2	30	
1,3,5-Trimethylbenzene	ug/L	ND	20	20	18.3	17.3	91	86	60-140	5	30	
1,3-Dichlorobenzene	ug/L	ND	20	20	18.5	17.7	92	89	60-140	4	30	
1,3-Dichloropropane	ug/L	ND	20	20	18.0	17.9	90	89	60-140	1	30	
1,4-Dichlorobenzene	ug/L	ND	20	20	17.9	17.3	89	87	60-140	3	30	
2,2-Dichloropropane	ug/L	ND	20	20	20.5	20.3	102	101	60-140	1	30	
2-Chlorotoluene	ug/L	ND	20	20	18.4	17.7	92	89	60-140	4	30	
4-Chlorotoluene	ug/L	ND	20	20	17.8	17.1	89	86	60-140	4	30	
Benzene	ug/L	ND	20	20	19.2	19.1	96	96	60-140	0	30	
Bromobenzene	ug/L	ND	20	20	17.6	16.7	88	83	60-140	5	30	
Bromochloromethane	ug/L	ND	20	20	19.0	18.3	95	91	60-140	4	30	
Bromodichloromethane	ug/L	ND	20	20	17.2	16.7	86	84	60-140	3	30	
Bromoform	ug/L	ND	20	20	18.3	17.8	91	89	60-140	3	30	
Bromomethane	ug/L	ND	20	20	22.2	19.5	111	98	60-140	13	30	
Carbon tetrachloride	ug/L	ND	20	20	20.3	20.0	102	100	60-140	2	30	

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QUALITY CONTROL DATA

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			3358836	3358837								
Parameter	Units	92554456001	MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Max	Qual
		Result	Spike	Spike								
Chlorobenzene	ug/L	ND	20	20	18.7	18.4	93	92	60-140	2	30	
Chloroethane	ug/L	ND	20	20	18.8	19.7	94	99	60-140	5	30	
Chloroform	ug/L	ND	20	20	19.3	18.8	97	94	60-140	3	30	
Chloromethane	ug/L	ND	20	20	16.3	16.1	82	81	60-140	1	30	
cis-1,2-Dichloroethene	ug/L	ND	20	20	18.6	18.3	93	92	60-140	2	30	
cis-1,3-Dichloropropene	ug/L	ND	20	20	18.3	18.4	91	92	60-140	1	30	
Dibromochloromethane	ug/L	ND	20	20	18.9	18.6	94	93	60-140	2	30	
Dibromomethane	ug/L	ND	20	20	19.0	18.8	95	94	60-140	1	30	
Dichlorodifluoromethane	ug/L	ND	20	20	18.4	17.8	92	89	60-140	4	30	
Diisopropyl ether	ug/L	ND	20	20	17.9	17.4	89	87	60-140	3	30	
Ethanol	ug/L	ND	800	800	637	709	80	89	60-140	11	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	36.6	36.4	92	91	60-140	1	30	
Ethylbenzene	ug/L	ND	20	20	19.1	18.4	95	92	60-140	3	30	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	19.9	19.1	100	95	60-140	4	30	
Isopropylbenzene (Cumene)	ug/L	ND	20	20	19.3	19.0	96	95	60-140	1	30	
m&p-Xylene	ug/L	ND	40	40	37.5	36.3	94	91	60-140	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	17.6	17.4	88	87	60-140	1	30	
Methylene Chloride	ug/L	ND	20	20	18.0	18.0	90	90	60-140	0	30	
n-Butylbenzene	ug/L	ND	20	20	19.7	18.7	98	94	60-140	5	30	
n-Propylbenzene	ug/L	ND	20	20	18.6	17.9	93	90	60-140	4	30	
Naphthalene	ug/L	ND	20	20	16.2	15.7	81	78	60-140	3	30	
o-Xylene	ug/L	ND	20	20	18.2	17.3	91	87	60-140	5	30	
sec-Butylbenzene	ug/L	ND	20	20	19.0	18.4	95	92	60-140	3	30	
Styrene	ug/L	ND	20	20	18.1	17.4	91	87	60-140	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	339	335	85	84	60-140	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	36.5	36.1	91	90	60-140	1	30	
tert-Butyl Alcohol	ug/L	ND	200	200	192	210	96	105	60-140	9	30	
tert-Butylbenzene	ug/L	ND	20	20	16.0	15.4	80	77	60-140	4	30	
Tetrachloroethene	ug/L	ND	20	20	19.9	19.0	99	95	60-140	4	30	
Toluene	ug/L	ND	20	20	19.2	18.6	96	93	60-140	3	30	
trans-1,2-Dichloroethene	ug/L	ND	20	20	19.2	19.2	96	96	60-140	0	30	
trans-1,3-Dichloropropene	ug/L	ND	20	20	18.6	18.1	93	91	60-140	3	30	
Trichloroethene	ug/L	ND	20	20	19.7	19.6	98	98	60-140	1	30	
Trichlorofluoromethane	ug/L	ND	20	20	19.5	18.9	98	94	60-140	3	30	
Vinyl chloride	ug/L	ND	20	20	18.4	18.3	92	91	60-140	1	30	
1,2-Dichloroethane-d4 (S)	%						96	98	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						100	101	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 2020-L1-2448 Incident
Pace Project No.: 92554531

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

N2 The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2020-L1-2448 Incident

Pace Project No.: 92554531

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554531001	Dup-1	MADEP VPH	640315		
92554531002	FB-1	MADEP VPH	640315		
92554531001	Dup-1	EPA 3010A	640515	EPA 6010D	640784
92554531002	FB-1	EPA 3010A	640515	EPA 6010D	640784
92554531001	Dup-1	6200B-2011	1724119	SM 6200B	1724119
92554531001	Dup-1	SM 6200B	639946		
92554531002	FB-1	SM 6200B	639946		
92554531003	Trip Blank	SM 6200B	639946		

REPORT OF LABORATORY ANALYSIS

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*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Project #

WO#: 92554531

PM: AMB

Due Date: 08/17/21

CLIENT: 92-APEX MOOR

		Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGfU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																		10												
2																		10												
3																		2												
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

August 12, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: Proj-002116
Pace Project No.: 92554889

Dear Alex Testoff:

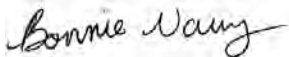
Enclosed are the analytical results for sample(s) received by the laboratory on August 11, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Proj-002116

Pace Project No.: 92554889

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Proj-002116

Pace Project No.: 92554889

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554889001	21223-SW-SEEP	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554889002	21223-SW-CONFLUENCE	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554889003	21223-SW-SEEP 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554889004	21223-SW-CONFLUENCE 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554889005	21223-SW-G	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92554889

Sample: 21223-SW-SEEP		Lab ID: 92554889001		Collected: 08/11/21 11:45		Received: 08/11/21 14:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 02:59			
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130	1		08/12/21 02:59	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 11:07	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 11:07	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 11:07	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 11:07	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 11:07	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 11:07	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130	1		08/12/21 11:07	460-00-4		
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		08/12/21 11:07	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		08/12/21 11:07	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92554889

Sample: 21223-SW-CONFLUENCE		Lab ID: 92554889002		Collected: 08/11/21 11:50		Received: 08/11/21 14:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 03:55			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		08/12/21 03:55	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 11:25	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 11:25	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 11:25	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 11:25	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 11:25	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 11:25	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130	1		08/12/21 11:25	460-00-4		
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		08/12/21 11:25	17060-07-0		
Toluene-d8 (S)	103	%	70-130	1		08/12/21 11:25	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92554889

Sample: 21223-SW-SEEP 2		Lab ID: 92554889003		Collected: 08/11/21 11:55		Received: 08/11/21 14:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 04:23			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		08/12/21 04:23	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 11:43	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 11:43	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 11:43	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 11:43	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 11:43	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 11:43	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130	1		08/12/21 11:43	460-00-4		
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		08/12/21 11:43	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		08/12/21 11:43	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92554889

Sample: 21223-SW-CONFLUENCE 2		Lab ID: 92554889004		Collected: 08/11/21 12:05		Received: 08/11/21 14:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 04:51			
Surrogates									
4-Bromofluorobenzene (S)	85	%	70-130	1		08/12/21 04:51	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 12:01	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 12:01	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 12:01	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 12:01	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 12:01	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 12:01	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130	1		08/12/21 12:01	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		08/12/21 12:01	17060-07-0		
Toluene-d8 (S)	103	%	70-130	1		08/12/21 12:01	2037-26-5		

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ANALYTICAL RESULTS

Project: Proj-002116

Pace Project No.: 92554889

Sample: 21223-SW-G		Lab ID: 92554889005		Collected: 08/11/21 12:10		Received: 08/11/21 14:54		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 05:19			
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130	1		08/12/21 05:19	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 12:19	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 12:19	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 12:19	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 12:19	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 12:19	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 12:19	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130	1		08/12/21 12:19	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		08/12/21 12:19	17060-07-0		
Toluene-d8 (S)	100	%	70-130	1		08/12/21 12:19	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj-002116

Pace Project No.: 92554889

QC Batch:	639700	Analysis Method:	EPA 5030B/8015C Mod.
QC Batch Method:	EPA 5030B/8015C Mod.	Analysis Description:	Gasoline Range Organics
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554889001, 92554889002, 92554889003, 92554889004, 92554889005

METHOD BLANK: 3357932 Matrix: Water

Associated Lab Samples: 92554889001, 92554889002, 92554889003, 92554889004, 92554889005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	08/12/21 02:30	
4-Bromofluorobenzene (S)	%	90	70-130	08/12/21 02:30	

LABORATORY CONTROL SAMPLE: 3357933

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.95	95	70-130	
4-Bromofluorobenzene (S)	%			88	70-130	

MATRIX SPIKE SAMPLE: 3357935

Parameter	Units	92554889002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.88	86	68-145	
4-Bromofluorobenzene (S)	%				88	70-130	

SAMPLE DUPLICATE: 3357934

Parameter	Units	92554889001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	86	88		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Proj-002116

Pace Project No.: 92554889

QC Batch:	639821	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260D MSV Low Level
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554889001, 92554889002, 92554889003, 92554889004, 92554889005

METHOD BLANK: 3358203

Matrix: Water

Associated Lab Samples: 92554889001, 92554889002, 92554889003, 92554889004, 92554889005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/12/21 10:49	
Ethylbenzene	ug/L	ND	1.0	08/12/21 10:49	
m&p-Xylene	ug/L	ND	2.0	08/12/21 10:49	
o-Xylene	ug/L	ND	1.0	08/12/21 10:49	
Toluene	ug/L	ND	1.0	08/12/21 10:49	
Xylene (Total)	ug/L	ND	1.0	08/12/21 10:49	
1,2-Dichloroethane-d4 (S)	%	99	70-130	08/12/21 10:49	
4-Bromofluorobenzene (S)	%	101	70-130	08/12/21 10:49	
Toluene-d8 (S)	%	101	70-130	08/12/21 10:49	

LABORATORY CONTROL SAMPLE: 3358204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	52.1	104	70-130	
Ethylbenzene	ug/L	50	51.0	102	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
o-Xylene	ug/L	50	50.9	102	70-130	
Toluene	ug/L	50	50.4	101	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358205 3358206

Parameter	92553998009		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
Benzene	ug/L	ND	4000	4000	4440	4300	111	108	67-150	3	
Ethylbenzene	ug/L	ND	4000	4000	4330	4140	108	103	68-143	5	
m&p-Xylene	ug/L	ND	8000	8000	8710	8330	109	104	53-157	5	
o-Xylene	ug/L	ND	4000	4000	4250	4060	106	101	68-143	5	
Toluene	ug/L	ND	4000	4000	4380	4200	110	105	47-157	4	
Xylene (Total)	ug/L	ND	12000	12000	13000	12400	108	103	66-145	5	
1,2-Dichloroethane-d4 (S)	%						93	93	70-130		
4-Bromofluorobenzene (S)	%						102	101	70-130		
Toluene-d8 (S)	%						101	100	70-130		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Proj-002116

Pace Project No.: 92554889

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Proj-002116

Pace Project No.: 92554889

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554889001	21223-SW-SEEP	EPA 5030B/8015C Mod.	639700		
92554889002	21223-SW-CONFLUENCE	EPA 5030B/8015C Mod.	639700		
92554889003	21223-SW-SEEP 2	EPA 5030B/8015C Mod.	639700		
92554889004	21223-SW-CONFLUENCE 2	EPA 5030B/8015C Mod.	639700		
92554889005	21223-SW-G	EPA 5030B/8015C Mod.	639700		
92554889001	21223-SW-SEEP	EPA 8260D	639821		
92554889002	21223-SW-CONFLUENCE	EPA 8260D	639821		
92554889003	21223-SW-SEEP 2	EPA 8260D	639821		
92554889004	21223-SW-CONFLUENCE 2	EPA 8260D	639821		
92554889005	21223-SW-G	EPA 8260D	639821		

REPORT OF LABORATORY ANALYSIS

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	Document Name:	Document Revised: October 28, 2020
	Sample Condition Upon Receipt(SCUR)	Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: North Carolina Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHG

**Bottom half of box is to list number of bottles

Project #

WO# : 92554889

PM: BV

Due Date: 08/12/21

CLIENT: 92-MontEnvGr

	Item#	
	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	
	BP3U-250 mL Plastic Unpreserved (N/A)	
	BP2U-500 mL Plastic Unpreserved (N/A)	
	BP1U-1 liter Plastic Unpreserved (N/A)	
	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	
	BP3N-250 mL plastic HNO3 (pH < 2)	
	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	
	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	
	WGFU-Wide-mouthed Glass jar Unpreserved	
	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	
	AG1H-1 liter Amber HCl (pH < 2)	
	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	
	AG1S-1 liter Amber H2SO4 (pH < 2)	
	AG3S-250 mL Amber H2SO4 (pH < 2)	
	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	
	DG9H-40 mL VOA HCl (N/A)	6
	VG9T-40 mL VOA Na2SO3 (N/A)	6
	VG9U-40 mL VOA Unp (N/A)	6
	DG9P-40 mL VOA H3PO4 (N/A)	6
	VOAK (6 vials per kit)-5035 kit (N/A)	6
	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	
	SP5T-125 mL Sterile Plastic (N/A - lab)	
	SP2T-250 mL Sterile Plastic (N/A - lab)	
	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	
	AG0U-100 mL Amber Unpreserved vials (N/A)	
	VSGU-20 mL Scintillation vials (N/A)	
	DG9U-40 mL Amber Unpreserved vials (N/A)	

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers).

August 16, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: PROJ-002116
Pace Project No.: 92554893

Dear Alex Testoff:

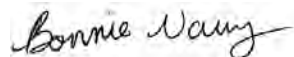
Enclosed are the analytical results for sample(s) received by the laboratory on August 11, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: PROJ-002116

Pace Project No.: 92554893

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: PROJ-002116

Pace Project No.: 92554893

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92554893001	21223-SW-1	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554893002	21223-SW-2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554893003	21223-SW-3	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554893004	21223-SW-4	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554893005	21223-SW-DUP	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554893006	21223-SW-5	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554893007	21223-SW-6	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	SAS	9	PASI-C
92554893008	21223-SW-7	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	LMB	9	PASI-C
92554893009	21223-TRIP BLANK	EPA 8260D	PM1	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-1		Lab ID: 92554893001		Collected: 08/11/21 13:00		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 05:47			
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130	1		08/12/21 05:47	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 15:04	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 15:04	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 15:04	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 15:04	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 15:04	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 15:04	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130	1		08/12/21 15:04	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		08/12/21 15:04	17060-07-0		
Toluene-d8 (S)	103	%	70-130	1		08/12/21 15:04	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-2		Lab ID: 92554893002		Collected: 08/11/21 12:50		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 06:16			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		08/12/21 06:16	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 15:23	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 15:23	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 15:23	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 15:23	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 15:23	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 15:23	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130	1		08/12/21 15:23	460-00-4		
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		08/12/21 15:23	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		08/12/21 15:23	2037-26-5		

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-3		Lab ID: 92554893003		Collected: 08/11/21 12:35		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 06:44			
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130	1		08/12/21 06:44	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 15:41	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 15:41	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 15:41	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 15:41	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 15:41	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 15:41	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130	1		08/12/21 15:41	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		08/12/21 15:41	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		08/12/21 15:41	2037-26-5		

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-4		Lab ID: 92554893004		Collected: 08/11/21 13:15		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 07:12			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		08/12/21 07:12	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 15:59	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 15:59	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 15:59	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 15:59	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 15:59	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 15:59	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130	1		08/12/21 15:59	460-00-4		
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		08/12/21 15:59	17060-07-0		
Toluene-d8 (S)	101	%	70-130	1		08/12/21 15:59	2037-26-5		

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-DUP		Lab ID: 92554893005		Collected: 08/11/21 12:00		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 07:40			
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130	1		08/12/21 07:40	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 16:18	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 16:18	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 16:18	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 16:18	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 16:18	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 16:18	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130	1		08/12/21 16:18	460-00-4		
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		08/12/21 16:18	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		08/12/21 16:18	2037-26-5		

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-5		Lab ID: 92554893006		Collected: 08/11/21 13:35		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 08:08			
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130	1		08/12/21 08:08	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 16:36	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 16:36	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 16:36	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 16:36	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 16:36	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 16:36	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130	1		08/12/21 16:36	460-00-4		
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		08/12/21 16:36	17060-07-0		
Toluene-d8 (S)	103	%	70-130	1		08/12/21 16:36	2037-26-5		

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-6		Lab ID: 92554893007		Collected: 08/11/21 13:50		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 08:37			
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130	1		08/12/21 08:37	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/12/21 16:55	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/12/21 16:55	100-41-4		
Toluene	ND	ug/L	1.0	1		08/12/21 16:55	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/12/21 16:55	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/12/21 16:55	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/12/21 16:55	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130	1		08/12/21 16:55	460-00-4		
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		08/12/21 16:55	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		08/12/21 16:55	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-SW-7		Lab ID: 92554893008		Collected: 08/11/21 14:10		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/12/21 09:05			
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130	1		08/12/21 09:05	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/13/21 15:27	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/13/21 15:27	100-41-4		
Toluene	ND	ug/L	1.0	1		08/13/21 15:27	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/13/21 15:27	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/13/21 15:27	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/13/21 15:27	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		08/13/21 15:27	460-00-4		
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		08/13/21 15:27	17060-07-0		
Toluene-d8 (S)	99	%	70-130	1		08/13/21 15:27	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PROJ-002116

Pace Project No.: 92554893

Sample: 21223-TRIP BLANK		Lab ID: 92554893009		Collected: 08/11/21 00:00		Received: 08/11/21 14:55		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260D MSV Low Level	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
	Benzene	ND	ug/L	1.0	1	08/13/21 11:50	71-43-2		
	Ethylbenzene	ND	ug/L	1.0	1	08/13/21 11:50	100-41-4		
	Toluene	ND	ug/L	1.0	1	08/13/21 11:50	108-88-3		
	Xylene (Total)	ND	ug/L	1.0	1	08/13/21 11:50	1330-20-7		
	m&p-Xylene	ND	ug/L	2.0	1	08/13/21 11:50	179601-23-1		
	o-Xylene	ND	ug/L	1.0	1	08/13/21 11:50	95-47-6		
	Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1	08/13/21 11:50	460-00-4			
1,2-Dichloroethane-d4 (S)	92	%	70-130	1	08/13/21 11:50	17060-07-0			
Toluene-d8 (S)	99	%	70-130	1	08/13/21 11:50	2037-26-5			

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PROJ-002116

Pace Project No.: 92554893

QC Batch:	639700	Analysis Method:	EPA 5030B/8015C Mod.
QC Batch Method:	EPA 5030B/8015C Mod.	Analysis Description:	Gasoline Range Organics
		Laboratory:	Pace Analytical Services - Charlotte
Associated Lab Samples:	92554893001, 92554893002, 92554893003, 92554893004, 92554893005, 92554893006, 92554893007, 92554893008		

METHOD BLANK:	3357932	Matrix:	Water
Associated Lab Samples:	92554893001, 92554893002, 92554893003, 92554893004, 92554893005, 92554893006, 92554893007, 92554893008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	08/12/21 02:30	
4-Bromofluorobenzene (S)	%	90	70-130	08/12/21 02:30	

LABORATORY CONTROL SAMPLE:	3357933					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.95	95	70-130	
4-Bromofluorobenzene (S)	%			88	70-130	

MATRIX SPIKE SAMPLE:	3357935						
Parameter	Units	92554889002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.88	86	68-145	
4-Bromofluorobenzene (S)	%				88	70-130	

SAMPLE DUPLICATE:	3357934						
Parameter	Units	92554889001 Result	Dup Result	RPD	Qualifiers		
Gas Range Organics (C6-C10)	mg/L	ND	ND				
4-Bromofluorobenzene (S)	%	86	88				

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PROJ-002116

Pace Project No.: 92554893

QC Batch:	639821	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260D MSV Low Level
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92554893001, 92554893002, 92554893003, 92554893004, 92554893005, 92554893006, 92554893007

METHOD BLANK: 3358203

Matrix: Water

Associated Lab Samples: 92554893001, 92554893002, 92554893003, 92554893004, 92554893005, 92554893006, 92554893007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/12/21 10:49	
Ethylbenzene	ug/L	ND	1.0	08/12/21 10:49	
m&p-Xylene	ug/L	ND	2.0	08/12/21 10:49	
o-Xylene	ug/L	ND	1.0	08/12/21 10:49	
Toluene	ug/L	ND	1.0	08/12/21 10:49	
Xylene (Total)	ug/L	ND	1.0	08/12/21 10:49	
1,2-Dichloroethane-d4 (S)	%	99	70-130	08/12/21 10:49	
4-Bromofluorobenzene (S)	%	101	70-130	08/12/21 10:49	
Toluene-d8 (S)	%	101	70-130	08/12/21 10:49	

LABORATORY CONTROL SAMPLE: 3358204

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	52.1	104	70-130	
Ethylbenzene	ug/L	50	51.0	102	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
o-Xylene	ug/L	50	50.9	102	70-130	
Toluene	ug/L	50	50.4	101	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358205 3358206

Parameter	Units	92553998009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	ND	4000	4000	4440	4300	111	108	67-150	3	
Ethylbenzene	ug/L	ND	4000	4000	4330	4140	108	103	68-143	5	
m&p-Xylene	ug/L	ND	8000	8000	8710	8330	109	104	53-157	5	
o-Xylene	ug/L	ND	4000	4000	4250	4060	106	101	68-143	5	
Toluene	ug/L	ND	4000	4000	4380	4200	110	105	47-157	4	
Xylene (Total)	ug/L	ND	12000	12000	13000	12400	108	103	66-145	5	
1,2-Dichloroethane-d4 (S)	%						93	93	70-130		
4-Bromofluorobenzene (S)	%						102	101	70-130		
Toluene-d8 (S)	%						101	100	70-130		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PROJ-002116

Pace Project No.: 92554893

QC Batch: 639940

Analysis Method: EPA 8260D

QC Batch Method: EPA 8260D

Analysis Description: 8260D MSV Low Level

Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92554893008, 92554893009

METHOD BLANK: 3358800

Matrix: Water

Associated Lab Samples: 92554893008, 92554893009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/13/21 10:38	
Ethylbenzene	ug/L	ND	1.0	08/13/21 10:38	
m&p-Xylene	ug/L	ND	2.0	08/13/21 10:38	
o-Xylene	ug/L	ND	1.0	08/13/21 10:38	
Toluene	ug/L	ND	1.0	08/13/21 10:38	
Xylene (Total)	ug/L	ND	1.0	08/13/21 10:38	
1,2-Dichloroethane-d4 (S)	%	92	70-130	08/13/21 10:38	
4-Bromofluorobenzene (S)	%	97	70-130	08/13/21 10:38	
Toluene-d8 (S)	%	99	70-130	08/13/21 10:38	

LABORATORY CONTROL SAMPLE: 3358801

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	46.4	93	70-130	
Ethylbenzene	ug/L	50	46.6	93	70-130	
m&p-Xylene	ug/L	100	92.5	93	70-130	
o-Xylene	ug/L	50	46.5	93	70-130	
Toluene	ug/L	50	46.6	93	70-130	
Xylene (Total)	ug/L	150	139	93	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3358802 3358803

Parameter	92554872009		MS	MSD	MS		MSD	MS		MSD	% Rec		RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	% Rec	% Rec	Limits	Limits		
Benzene	ug/L	ND	20	20	19.0	18.2	95	91	67-150	5				
Ethylbenzene	ug/L	ND	20	20	18.6	18.1	93	91	68-143	3				
m&p-Xylene	ug/L	ND	40	40	37.5	36.0	94	90	53-157	4				
o-Xylene	ug/L	ND	20	20	18.4	17.9	92	89	68-143	3				
Toluene	ug/L	ND	20	20	19.1	18.4	96	92	47-157	4				
Xylene (Total)	ug/L	ND	60	60	55.9	53.9	93	90	66-145	4				
1,2-Dichloroethane-d4 (S)	%						91	91	70-130					
4-Bromofluorobenzene (S)	%						98	99	70-130					
Toluene-d8 (S)	%						99	100	70-130					

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: PROJ-002116

Pace Project No.: 92554893

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PROJ-002116

Pace Project No.: 92554893

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92554893001	21223-SW-1	EPA 5030B/8015C Mod.	639700		
92554893002	21223-SW-2	EPA 5030B/8015C Mod.	639700		
92554893003	21223-SW-3	EPA 5030B/8015C Mod.	639700		
92554893004	21223-SW-4	EPA 5030B/8015C Mod.	639700		
92554893005	21223-SW-DUP	EPA 5030B/8015C Mod.	639700		
92554893006	21223-SW-5	EPA 5030B/8015C Mod.	639700		
92554893007	21223-SW-6	EPA 5030B/8015C Mod.	639700		
92554893008	21223-SW-7	EPA 5030B/8015C Mod.	639700		
92554893001	21223-SW-1	EPA 8260D	639821		
92554893002	21223-SW-2	EPA 8260D	639821		
92554893003	21223-SW-3	EPA 8260D	639821		
92554893004	21223-SW-4	EPA 8260D	639821		
92554893005	21223-SW-DUP	EPA 8260D	639821		
92554893006	21223-SW-5	EPA 8260D	639821		
92554893007	21223-SW-6	EPA 8260D	639821		
92554893008	21223-SW-7	EPA 8260D	639940		
92554893009	21223-TRIP BLANK	EPA 8260D	639940		

REPORT OF LABORATORY ANALYSIS

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WO# : 92554893



analytical

Montrose-EPS

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

400 Northridge Rd

Address:

Report To: jnicollette@montrose-env.com

Copy To: clee@montrose-env.com

Customer Project Name/Number:

Proj - 002-116

Phone:

Email:

Collected By (print):

Coletates

Collected By (signature):

Sample Disposal:

Disposal as appropriate [] Return
[] Archive: []
[] Hold:

State: County/City:

NC Hendersonville

Time Zone Collected:

[] PT [] MT [] CT [] ET

Compliance Monitoring?

[] Yes [] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice:

[] Yes [] No

Field Filtered (if applicable):

[] Yes [] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Res Cl	# of Ctns
			Date	Time		
21223-SW-1	SW	G	8/11/21	13:00		6
21223-SW-2	SW	G	8/11/21	12:35	50 (P)	6
21223-SW-3	SW	G	8/11/21	12:35		6
21223-SW-4	SW	G	8/11/21	13:15		6
21223-SW-DUP	SW	G	8/11/21	12:00		6
21223-SW-5	SW	G	8/11/21	13:35		6
21223-SW-6	SW	G	8/11/21	13:50		6
21223-TripBlank		LAB	8/11/21	14:10		2

Customer Remarks / Special Conditions / Possible Hazards:

SW = Surface Water
G = G-rub

Type of Ice Used:

Wet Blue Dry None

Packing Material Used:

bubble bags

Radchem sample(s) screened (<500 cpm):

Y N NA

Relinquished by/Company: (Signature)

Peopon fullman / Montrose

Date/Time:

8/11/21 14:55

Received by/Company: (Signature)

Pace Medley

Date/Time:

8-11-21 14:55

Received by/Company: (Signature)

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Pace Medley

Date/Time:

8-11-21 14:55

Received by/Company: (Signature)

Pace Medley

Date/Time:

8-11-21 14:55

	Document Name:	Document Revised: October 28, 2020
	Sample Condition Upon Receipt(SCUR)	Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottles

Proje

WO# : 92554893

PM: BV

Due Date: 08/18/21

CLIENT: 92-MontEnvGr

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-S03S kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1																6													
2																6													
3																6													
4																6													
5																6													
6																6													
7																6													
8																6													
9																2													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Sample Receiving Non-Conformance Form (NCF)

Date: 8/11/21	Evaluated by: MS
Client: Montrose - EPS	

WO# : 92554893	Pace ber	
PM: BV	Due Date: 08/18/21	
CLIENT: 92-MontEnvGr		

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

Collection date/time missing or incorrect	Analyses or analytes: missing or clarification needed	Samples listed on COC do not match samples received (missing, additional, etc.)
Sample IDs on COC do not match sample labels	Required trip blanks were not received	Required signatures are missing

Comments/Details/Other Issues not listed above:

3. Sample integrity issues: check applicable issues below and add details where appropriate:

Samples: Past holding time	Samples: Condition needs to be brought to lab personnel's attention (details below)	Preservation: Improper
Samples: Not field filtered	Containers: Broken or compromised	Temperature: not within acceptance criteria (typically 0-6C)
Samples: Insufficient volume received	Containers: Incorrect	Temperature: Samples arrived frozen
Samples: Cooler damaged or compromised	Custody Seals: Missing or compromised on samples, trip blanks or coolers	Vials received with improper headspace
Samples: contain chlorine or sulfides	Packing Material: Insufficient/Improper	Other:

Comments/Details: 1/2 DGAH Trip blank with headspace

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:	
PM Initials:	Date/Time:	

Client Comments/Instructions:

August 20, 2021

Alex Testoff
Montrose Environmental Group, Inc.
400 Northridge Rd.
Suite 400
Atlanta, GA 30350

RE: Project: PROJ 002116
Pace Project No.: 92556222

Dear Alex Testoff:

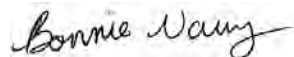
Enclosed are the analytical results for sample(s) received by the laboratory on August 18, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Bonnie Vang
bonnie.vang@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Cole Cates, Environmental Planning Specialists, Inc.
J Culbreath, Colonial Pipeline Company
Robert Hughes, Colonial Pipeline Company
Cam Lee, Montrose Environmental Group
Jamie Moran, APEX Companies, LLC
Jeff Morrison, Colonial Pipeline Company
Nicholas Nelson, Montrose Environmental Group, Inc.
Andrew Street, Apex Companies - NC
JM Wyatt, Colonial Pipeline Company



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: PROJ 002116

Pace Project No.: 92556222

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078

Louisiana/NELAP Certification # LA170028

North Carolina Drinking Water Certification #: 37706

North Carolina Field Services Certification #: 5342

North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627

Kentucky UST Certification #: 84

Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: PROJ 002116

Pace Project No.: 92556222

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92556222001	21230-SW-SEEP	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	PM1	9	PASI-C
92556222002	21230-SW-CONFLUENCE	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	PM1	9	PASI-C
92556222003	21230-SW-SEEP 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	PM1	9	PASI-C
92556222004	21230-SW-CONFLUENCE 2	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	PM1	9	PASI-C
92556222005	21230-SW-G	EPA 5030B/8015C Mod.	MAD	2	PASI-C
		EPA 8260D	PM1	9	PASI-C

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: PROJ 002116

Pace Project No.: 92556222

Sample: 21230-SW-SEEP		Lab ID: 92556222001		Collected: 08/18/21 11:15		Received: 08/18/21 14:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/19/21 17:42			
Surrogates									
4-Bromofluorobenzene (S)	86	%	70-130	1		08/19/21 17:42	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/19/21 02:31	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/19/21 02:31	100-41-4		
Toluene	ND	ug/L	1.0	1		08/19/21 02:31	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/19/21 02:31	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/19/21 02:31	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/19/21 02:31	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130	1		08/19/21 02:31	460-00-4		
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		08/19/21 02:31	17060-07-0		
Toluene-d8 (S)	103	%	70-130	1		08/19/21 02:31	2037-26-5		

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ANALYTICAL RESULTS

Project: PROJ 002116

Pace Project No.: 92556222

Sample: 21230-SW-CONFLUENCE	Lab ID: 92556222002		Collected: 08/18/21 11:20		Received: 08/18/21 14:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics	Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/19/21 18:39		
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-130	1		08/19/21 18:39	460-00-4	
8260D MSV Low Level	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/19/21 02:48	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		08/19/21 02:48	100-41-4	
Toluene	ND	ug/L	1.0	1		08/19/21 02:48	108-88-3	
Xylene (Total)	ND	ug/L	1.0	1		08/19/21 02:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		08/19/21 02:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		08/19/21 02:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		08/19/21 02:48	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		08/19/21 02:48	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		08/19/21 02:48	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ 002116

Pace Project No.: 92556222

Sample: 21230-SW-SEEP 2		Lab ID: 92556222003		Collected: 08/18/21 11:25		Received: 08/18/21 14:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/19/21 19:07			
Surrogates									
4-Bromofluorobenzene (S)	84	%	70-130	1		08/19/21 19:07	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/19/21 03:06	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/19/21 03:06	100-41-4		
Toluene	ND	ug/L	1.0	1		08/19/21 03:06	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/19/21 03:06	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/19/21 03:06	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/19/21 03:06	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130	1		08/19/21 03:06	460-00-4		
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		08/19/21 03:06	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		08/19/21 03:06	2037-26-5		

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ANALYTICAL RESULTS

Project: PROJ 002116

Pace Project No.: 92556222

Sample: 21230-SW-CONFLUENCE 2		Lab ID: 92556222004		Collected: 08/18/21 11:30		Received: 08/18/21 14:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)		ND	mg/L	0.080	1		08/19/21 19:35		
Surrogates									
4-Bromofluorobenzene (S)		85	%	70-130	1		08/19/21 19:35	460-00-4	
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene		ND	ug/L	1.0	1		08/19/21 03:24	71-43-2	
Ethylbenzene		ND	ug/L	1.0	1		08/19/21 03:24	100-41-4	
Toluene		ND	ug/L	1.0	1		08/19/21 03:24	108-88-3	
Xylene (Total)		ND	ug/L	1.0	1		08/19/21 03:24	1330-20-7	
m&p-Xylene		ND	ug/L	2.0	1		08/19/21 03:24	179601-23-1	
o-Xylene		ND	ug/L	1.0	1		08/19/21 03:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)		101	%	70-130	1		08/19/21 03:24	460-00-4	
1,2-Dichloroethane-d4 (S)		102	%	70-130	1		08/19/21 03:24	17060-07-0	
Toluene-d8 (S)		104	%	70-130	1		08/19/21 03:24	2037-26-5	

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ANALYTICAL RESULTS

Project: PROJ 002116

Pace Project No.: 92556222

Sample: 21230-SW-G		Lab ID: 92556222005		Collected: 08/18/21 11:35		Received: 08/18/21 14:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
Gasoline Range Organics		Analytical Method: EPA 5030B/8015C Mod. Pace Analytical Services - Charlotte							
Gas Range Organics (C6-C10)	ND	mg/L	0.080	1		08/19/21 20:03			
Surrogates									
4-Bromofluorobenzene (S)	83	%	70-130	1		08/19/21 20:03	460-00-4		
8260D MSV Low Level		Analytical Method: EPA 8260D Pace Analytical Services - Charlotte							
Benzene	ND	ug/L	1.0	1		08/19/21 03:41	71-43-2		
Ethylbenzene	ND	ug/L	1.0	1		08/19/21 03:41	100-41-4		
Toluene	ND	ug/L	1.0	1		08/19/21 03:41	108-88-3		
Xylene (Total)	ND	ug/L	1.0	1		08/19/21 03:41	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		08/19/21 03:41	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		08/19/21 03:41	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130	1		08/19/21 03:41	460-00-4		
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		08/19/21 03:41	17060-07-0		
Toluene-d8 (S)	105	%	70-130	1		08/19/21 03:41	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PROJ 002116

Pace Project No.: 92556222

QC Batch:	641649	Analysis Method:	EPA 5030B/8015C Mod.
QC Batch Method:	EPA 5030B/8015C Mod.	Analysis Description:	Gasoline Range Organics
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92556222001, 92556222002, 92556222003, 92556222004, 92556222005

METHOD BLANK: 3367659

Matrix: Water

Associated Lab Samples: 92556222001, 92556222002, 92556222003, 92556222004, 92556222005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	0.080	08/19/21 16:46	
4-Bromofluorobenzene (S)	%	83	70-130	08/19/21 16:46	

LABORATORY CONTROL SAMPLE: 3367660

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	1	0.96	96	70-130	
4-Bromofluorobenzene (S)	%			89	70-130	

MATRIX SPIKE SAMPLE: 3367662

Parameter	Units	92556222002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	1	0.95	93	68-145	
4-Bromofluorobenzene (S)	%				88	70-130	

SAMPLE DUPLICATE: 3367661

Parameter	Units	92556222001 Result	Dup Result	RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/L	ND	ND		
4-Bromofluorobenzene (S)	%	86	85		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PROJ 002116

Pace Project No.: 92556222

QC Batch:	641358	Analysis Method:	EPA 8260D
QC Batch Method:	EPA 8260D	Analysis Description:	8260D MSV Low Level
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92556222001, 92556222002, 92556222003, 92556222004, 92556222005

METHOD BLANK: 3366383

Matrix: Water

Associated Lab Samples: 92556222001, 92556222002, 92556222003, 92556222004, 92556222005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	08/19/21 01:03	
Ethylbenzene	ug/L	ND	1.0	08/19/21 01:03	
m&p-Xylene	ug/L	ND	2.0	08/19/21 01:03	
o-Xylene	ug/L	ND	1.0	08/19/21 01:03	
Toluene	ug/L	ND	1.0	08/19/21 01:03	
Xylene (Total)	ug/L	ND	1.0	08/19/21 01:03	
1,2-Dichloroethane-d4 (S)	%	98	70-130	08/19/21 01:03	
4-Bromofluorobenzene (S)	%	102	70-130	08/19/21 01:03	
Toluene-d8 (S)	%	103	70-130	08/19/21 01:03	

LABORATORY CONTROL SAMPLE: 3366384

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	48.8	98	70-130	
Ethylbenzene	ug/L	50	48.2	96	70-130	
m&p-Xylene	ug/L	100	96.7	97	70-130	
o-Xylene	ug/L	50	48.5	97	70-130	
Toluene	ug/L	50	47.8	96	70-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3366385 3366386

Parameter	92555435018		MS	MSD	MS		MSD	MS		MSD	% Rec		RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	% Rec	% Rec	Limits	Limits		
Benzene	ug/L	195	200	200	400	411	103	108	67-150	3				
Ethylbenzene	ug/L	1890	200	200	2120	2150	114	129	68-143	1	E			
m&p-Xylene	ug/L	2030	400	400	2450	2490	104	113	53-157	2				
o-Xylene	ug/L	986	200	200	1200	1210	108	112	68-143	1				
Toluene	ug/L	194	200	200	407	411	106	108	47-157	1				
Xylene (Total)	ug/L	3020	600	600	3650	3700	105	113	66-145	1				
1,2-Dichloroethane-d4 (S)	%						91	91	70-130					
4-Bromofluorobenzene (S)	%						96	98	70-130					
Toluene-d8 (S)	%						98	100	70-130					

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: PROJ 002116

Pace Project No.: 92556222

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E Analyte concentration exceeded the calibration range. The reported result is estimated.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PROJ 002116

Pace Project No.: 92556222

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92556222001	21230-SW-SEEP	EPA 5030B/8015C Mod.	641649		
92556222002	21230-SW-CONFLUENCE	EPA 5030B/8015C Mod.	641649		
92556222003	21230-SW-SEEP 2	EPA 5030B/8015C Mod.	641649		
92556222004	21230-SW-CONFLUENCE 2	EPA 5030B/8015C Mod.	641649		
92556222005	21230-SW-G	EPA 5030B/8015C Mod.	641649		
92556222001	21230-SW-SEEP	EPA 8260D	641358		
92556222002	21230-SW-CONFLUENCE	EPA 8260D	641358		
92556222003	21230-SW-SEEP 2	EPA 8260D	641358		
92556222004	21230-SW-CONFLUENCE 2	EPA 8260D	641358		
92556222005	21230-SW-G	EPA 8260D	641358		

REPORT OF LABORATORY ANALYSIS

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APPENDIX B
BORING LOGS AND GW-1 FORMS



CLIENT <u>Colonial Pipeline</u>		PROJECT NAME <u>2020-L1-SR2448</u>	
PROJECT NUMBER <u>CPC21018</u>		PROJECT LOCATION <u>Huntersville, NC</u>	
DATE/TIME STARTED <u>2021-08-05 00:00</u>	COMPLETED <u>2021-08-06 00:00</u>	GROUND ELEVATION _____	TOP OF CASING _____
DRILLING CONTRACTOR <u>Parratt-Wolff</u>		EQUIPMENT <u>CME 550X</u>	
DRILLER <u>Kevin White</u>		GROUND WATER LEVELS AND TIME:	
LOGGED BY <u>Jan Schimmelmann</u>	BOREHOLE DIAMETER <u>10.75 in.</u>	DURING DRILLING <u>---</u>	
METHOD <u>HSA/Split Spoon</u>		AFTER DRILLING <u>---</u>	

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
		PID = 10.1		LEAN CLAY, SILTY, (CL) dark red 10R 3/6, moist, organic odor		
				5.0 LEAN CLAY, SILTY, (CL) red 2.5YR 5/6, dry, organic odor		
10		PID = 74.9		10.0		
				12.0 LEAN CLAY, SILTY, (CL) strong brown yellow 7.5YR 4/6, dry, no odor, micaceous		
	SS 1	PID = 4.3				
	SS 2	PID = 7.9		SILT, SANDY, (ML) strong brown 7.5YR 5/6, dry, trace fine sand, no odor, micaceous		4-in. Sch 40 PVC casing Portland Grout
	SS 3	PID = 11.6				
20	SS 4	PID = 6.4		18.0 SILT, SANDY, (ML) strong brown 7.5YR 5/8, moist, trace fine sand, no odor, saprolite, micaceous		
	SS 5	PID = 4.7				
	SS 6	PID = 26.7		20.0 SILT, SANDY, (ML) strong brown 7.5YR 5/8, coarse grained, moist, trace fine sand, no odor, saprolite, micaceous, trace quartz		
	SS 7	PID = 8.9				
	SS 8	PID = 31.3		22.0 SILT, SANDY, (ML) brown 7.5YR 5/4, moist, trace fine sand, no odor, saprolite, micaceous		
30	SS 9	PID = 55.6				
	SS 10	PID = 29.7		26.0 SILT, SANDY, (ML) brown 7.5YR 5/4, moist, trace fine sand, no odor, saprolite, micaceous		
	SS 11	PID = 51.2				
	SS 12	PID = 26.1		30.0 SILT, SANDY, (ML) light yellow brown 10YR 6/4, moist, trace fine sand, no odor, saprolite, dioritic		Sodium Bentonite 3/8" Chips
	SS 13	PID = 311				
40	SS 14	PID = 1098		32.0 SILT, SANDY, (ML) brown 10YR 5/3, moist, some fine sand, no odor, saprolite, dioritic		
	SS 15	PID = 3005				
	SS 16	PID = 1208		34.0 POORLY GRADED SAND, (SP) brown 10YR 5/3, medium grained, moist, some silt, hydrocarbon odor, saprolite, dioritic, micaceous		
	SS 17	PID = 1417				
	SS 18	PID = 2134		42.0 POORLY GRADED SAND, (SP) dark yellow brown 10YR 4/4, fine grained, moist, trace silt, trace medium sand, hydrocarbon odor, saprolite, dioritic, micaceous		Southern Sand & Silica Co. #1 Grade Silica Sand 4-in. Sch 40 PVC 0.010 slotted screen
50	SS 19	PID = 1350		44.0 POORLY GRADED SAND, (SP) very dark gray brown 10YR 3/2, fine grained, moist, trace silt, hydrocarbon odor, saprolite, dioritic, micaceous, trace pebbles		
				48.0		
					Soil Sample (46-48') @ 1030	
					Bottom of borehole at 50.0 feet.	



Apex Companies

BORING NUMBER RW-71

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-07-20 00:00 **COMPLETED** 2021-07-22 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Kyle Zigler **BOREHOLE DIAMETER** 10.75 in. **DURING DRILLING** ---
METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
		PID = 294.4		LEAN CLAY, SILTY, (CL) dark red 10R 3/6, dry, trace mica, roots, organic odor	Approximately 50 gallons of potable water was used to flush fall-in out of annular space.	
10		PID = 26.5				
	SS 1	PID = 48.2		LEAN CLAY, SILTY, (CL) dark red 10R 3/6, dry, no odor, saprolite, micaceous		
	SS 2	PID = 17.5		LEAN CLAY, SILTY, (CL) red 10R 4/8, dry, no odor, saprolite, micaceous		
	SS 3	PID = 80.8		SILT, CLAYEY, (ML) dark red 10R 3/6, dry, no odor, saprolite, micaceous		
20	SS 4	PID = 101.4		SILT, (ML) dark red brown 5YR 3/4, dry, trace clay, no odor, saprolite, micaceous		
	SS 5	PID = 50.2				
	SS 6	PID = 15000		SILT, SANDY, (ML) brown 7.5YR 5/4, moist, no odor, saprolite, micaceous, dioritic		
	SS 7	PID = 15000		SILTY SAND, SILTY, (SM) dark gray brown 10YR 4/2, dry, no odor, saprolite, dioritic		
30	SS 8	PID = 15000				
	SS 9	PID = 15000		SILTY SAND, SILTY, (SM) brown 10YR 4/3, moist, hydrocarbon odor, saprolite, slight odor, oxidation		
	SS 10	PID = 15000		SILTY SAND, (SM) dark gray brown 10YR 4/2, moist, trace silt, with coarse sand, hydrocarbon odor, saprolite, medium odor, dioritic		
	SS 11	PID = 15000				
40	SS 12	PID = 15000		SILTY SAND, SILTY, (SM) dark gray brown 10YR 4/2, wet, trace coarse sand, hydrocarbon odor, saprolite, dioritic		
	SS 13	PID = 15000				
	SS 14	PID = 10704		POORLY GRADED SAND, (SP) dark gray brown 10YR 4/2, wet, trace silt, with coarse sand, hydrocarbon odor, saprolite, dioritic		
	SS 15	PID = 10508				
	SS 16	PID = 1585		POORLY GRADED SAND, (SP) dark gray brown 10YR 4/2, wet, trace silt, with coarse sand, hydrocarbon odor, saprolite, dioritic, trace foliation and quartz lenses		
50	SS 17	PID = 15000				
	SS 18	PID = 107.4				
	SS 19	PID = 3088				
	SS 20	PID = 54.1		POORLY GRADED SAND, (SP) dark gray brown 10YR 4/2, wet, trace silt, with coarse sand, no odor, saprolite, dioritic		
	SS 21	PID = 38.8				
	SS 22	PID = 1174				
60	SS 23	PID = 51.6		SILT, (ML) very dark brown 10YR 2/2, fine grained, wet, soft to loose, little sand, no odor, interbedded with brown quartz sand banding		
	SS 24	PID = 38.6				
	SS 25	PID = 58.4				
				Bottom of borehole at 60.0 feet.		

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Apex Companies

BORING NUMBER RW-71

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
	24 SS 25					



DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10				SILT, (ML) dark red brown 5YR 3/4, moist, soft, low plasticity, some clay, organic odor, very oxidized, massive, slightly micaceous until very micaceous at 11'		4-in. Sch 40 PVC casing Portland Grout
20	SS 1	PID = 32.4				Sodium Bentonite 3/8" Chips
	SS 2	PID = 28.7				
	SS 3	PID = 15.2				
	SS 4	PID = 18.4				
	SS 5	PID = 18.6				
	SS 6	PID = 9				
	SS 7	PID = 324.6				
	SS 8	PID = 347.3				
	SS 9	PID = 507.3				
	SS 10	PID = 1133				
	SS 11	PID = 222.5				
	SS 12	PID = 59.7				
	SS 13	PID = 14.1				
	SS 14	PID = 186.2				
	SS 15	PID = 49.4				
	SS 16	PID = 62.8				
	SS 17	PID = 6.6				
	SS 18	PID = 98.1				
	SS 19	PID = 34.4				
	SS 20	PID = 21.2				
	SS 21	PID = 10.1				
	SS 22	PID = 28.4				
	SS 23	PID = 11.3				
30				SILT, (ML) dark yellow brown 10YR 4/4, moist, soft, non plastic, no odor, micaceous, in-situ color: pink with black spotting	Heavily oxidized band from 28-28.5'	
40				SILT, (ML) gray brown 10YR 5/2, moist, soft to loose, no odor, micaceous, in-situ color: white w/ brown & black spotting	Hydrocarbon odor decreases	
50				WELL GRADED SAND, (SW) light gray 10YR 7/1, coarse grained, wet, soft to loose, some silt, no odor, remnant foliation present	Remnant foliation from 33.8-40'	Southern Sand & Silica Co. #1 Grade Silica Sand 4-in. Sch 40 PVC 0.010 slotted screen
				SILT, (ML) gray brown 10YR 5/2, moist, soft to loose, no odor, micaceous, in-situ color: white w/ brown & black spotting		
				SILT, (ML) pink gray 7.5YR 6/2, wet, with fine sand, no odor		
				SILT, (ML) pink gray 7.5YR 6/2, wet, with fine sand, no odor, little oxidation staining		
				SILT, (ML) pink gray 7.5YR 7/2, wet, trace fine sand, no odor, saprolite, dioritic, micaceous, some oxidation staining	Soil Sample (54-56') @ 1025	
				Bottom of borehole at 56.0 feet.		



Apex Companies

BORING NUMBER RW-73

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-07-26 00:00 **COMPLETED** 2021-07-26 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 10.75 in. **∇ DURING DRILLING** 33.00 ft
METHOD Direct Push **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
		PID = 60.7		LEAN CLAY, SILTY, (CL) dark red 2.5YR 3/6, moist, trace organics, organic odor		Casing Type: 4
10		PID = 27		10.0		Portland Grout 4-in. Sch 40 PVC casing
	SS 1	PID = 40.1		12.0 SILT, SANDY, (ML) brown 7.5YR 5/3, dry, trace mica, no odor, saprolite		Sodium Bentonite 3/8" Chips
	SS 2	PID = 66.7		14.0 SILT, SANDY, (ML) light brown 7.5YR 6/3, dry, trace mica, little fine sand, no odor, saprolite		
	SS 3	PID = 65.4		16.0 SILT, SANDY, (ML) yellow brown 10YR 5/8, dry, trace clay, little mica, no odor, saprolite		
20	SS 4	PID = 94.5		22.0 SILT, SANDY, (ML) light yellow, saprolite, dioritic, micaceous		
	SS 5	PID = 392.3				
	SS 6	PID = 4000		26.0 SILT, SANDY, (ML) dark yellow brown 10YR 4/4, dry, with fine sand, hydrocarbon odor, saprolite, dioritic, micaceous		
	SS 7	PID = 15000		28.0 SILT, SANDY, (ML) yellow brown 10YR 5/4, dry, with fine to medium sand, hydrocarbon odor, saprolite, micaceous		
30	SS 8	PID = 15000		32.0 SILT, SANDY, (ML) yellow brown 10YR 5/4, dry, trace fine sand, hydrocarbon odor, saprolite, micaceous		
	SS 9	PID = 15000		34.0 SILT, SANDY, (ML) yellow brown 10YR 5/4, dry, trace fine sand, hydrocarbon odor, saprolite, micaceous		
	SS 10	PID = 84.3		38.0 SILT, SANDY, (ML) yellow brown 10YR 5/4, saturated, with medium to coarse sand, hydrocarbon odor, saprolite, micaceous, trace feldspar		
	SS 11	PID = 1433		42.0 SILT, SANDY, (ML) yellow brown 10YR 5/4, wet, with mica, hydrocarbon odor, saprolite, dioritic, faint odor		
40	SS 12	PID = 74.6		44.0 SILTY SAND, (SM) yellow brown 10YR 5/4, wet, trace gravel, hydrocarbon odor, saprolite, micaceous, faint odor		
	SS 13	PID = 338.1		50.0 SILTY SAND, (SM) yellow brown 10YR 5/4, medium to coarse grained, wet, some silt, no odor, saprolite, micaceous		
	SS 14	PID = 128.9				
	SS 15	PID = 7.9				
	SS 16	PID = 64.9				
	SS 17	PID = 93.4				
50	SS 18	PID = 717.7				
	SS 19	PID = 15				
	SS 20	PID = 56.7				
	SS 21	PID = 33.6				
	SS 22	PID = 12.8				
	SS 23					
					Soil Sample (54-56') @ 1025	
					Bottom of borehole at 56.0 feet.	

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Apex Companies

BORING NUMBER RW-74

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-07-29 00:00 **COMPLETED** 2021-07-29 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 10.75 in. **✓ DURING DRILLING** 28.00 ft
METHOD HSA **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
		PID = 26.8		LEAN CLAY, SILTY, (CL) dark red 2.5YR 3/6, moist, trace fine sand, trace organics, organic odor		Casing Type: 4
10		PID = 13.9				Portland Grout 4-in. Sch 40 PVC casing
	SS 1	PID = 1129		12.0 SILT, (ML) yellow red 5YR 5/8, dry, trace fine sand, trace organics, no odor, saprolite, micaceous		Sodium Bentonite 3/8" Chips
	SS 2	PID = 155.1		14.0		
	SS 3	PID = 15000		16.0 SILT, (ML) yellow red 5YR 5/8, dry, some fine sand, some organics, hydrocarbon odor, saprolite, micaceous		
20	SS 4	PID = 15000		18.0		
	SS 5	PID = 15000		20.0 SILT, (ML) brown 7.5YR 5/4, dry, some fine sand, hydrocarbon odor, saprolite, micaceous		
	SS 6	PID = 15000				
	SS 7	PID = 15000		28.0 SILT, (ML) strong brown 7.5YR 5/6, dry, trace fine sand, hydrocarbon odor, saprolite, micaceous, dioritic		
30	SS 8	PID = 15000		32.0 SILT, (ML) dark yellow brown 10YR 4/6, wet, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 9	PID = 13000				
	SS 10	PID = 931		38.0 SILT, (ML) light brown gray 10YR 6/2, wet, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 11	PID = 1364		40.0 SILT, (ML) brown 10YR 5/3, wet, trace fine sand, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 12	PID = 682				
	SS 13	PID = 1321		48.0 SILT, (ML) light brown gray 10YR 6/2, wet, trace fine sand, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 14	PID = 703.8		52.0 SILT, (ML) brown 10YR 4/3, wet, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 15	PID = 97				
	SS 16	PID = 950.1		58.0 SILT, (ML) dark gray brown 10YR 4/2, wet, with fine to medium sand, hydrocarbon odor, saprolite, micaceous, dioritic		
50	SS 17	PID = 97				
	SS 18	PID = 293.3		68.0 SILT, SANDY, (ML) dark gray brown 10YR 4/2, coarse grained, wet, some mica, trace silt, hydrocarbon odor, saprolite, dioritic		
	SS 19	PID = 306		70.0		
	SS 20	PID = 528.8		71.5		
	SS 21	PID = 391				
	SS 22	PID = 77.9				
60	SS 23	PID = 331.3				
	SS 24	PID = 320				
	SS 25	PID = 1120				
	SS 26	PID = 1214				
	SS 27	PID = 1530				
70	SS 28	PID = 407.3				
	SS 29	PID = 206.1				
	SS 30	PID = 3801				
	SS 31					
	SS 32					
	SS 33					
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	SS 95					
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	SS 98					
	SS 99					
	SS 100					

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Apex Companies

BORING NUMBER RW-74

CLIENT Colonial Pipeline PROJECT NAME 2020-L1-SR2448
PROJECT NUMBER CPC21018 PROJECT LOCATION Huntersville, NC

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
	25					
	SS					
	26					
	SS					
	27					
	SS					
	28					
	SS					
	29					
	SS					
	30					
	SS					
	31					
				coarse grained, wet, some mica, trace silt, hydrocarbon odor, saprolite, dioritic		
				Refusal at 71.5 feet.		
				Bottom of borehole at 71.5 feet.		



Apex Companies

BORING NUMBER RW-75

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-08-03 00:00 **COMPLETED** 2021-08-03 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 10.75 in. **∇ DURING DRILLING** 24.00 ft
METHOD HSA/Split Spoon **AFTER DRILLING** ---

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DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
10		PID = 429.4		LEAN CLAY, (CL) dark red, moist, some organics, organic odor		
		PID = 379				
		PID = 38.5				
	SS 1	PID = 62.2		LEAN CLAY, (CL) strong brown 7.5YR 5/8, moist, some organics, trace mica, no odor		
	SS 2	PID = 317.7		LEAN CLAY, (CL) strong brown 7.5YR 5/8, moist, some mica, trace organics, no odor, saprolite		
	SS 3	PID = 184.4		SILT, (ML) brown 7.5YR 4/3, moist, some mica, hydrocarbon odor, saprolite		
	SS 4	PID = 229.2		SILT, (ML) brown 7.5YR 4/3, dry, trace fine sand, trace mica, hydrocarbon odor, saprolite, dioritic		
	SS 5	PID = 948.8		SILT, (ML) brown 7.5YR 4/3, wet, trace fine sand, hydrocarbon odor, saprolite, dioritic		
	SS 6	PID = 1000.7				
	SS 7	PID = 922				
	SS 8	PID = 74.17		SILT, (ML) yellow brown 10YR 5/4, wet, some fine sand, hydrocarbon odor, saprolite, dioritic		
	SS 9	PID = 398.2		POORLY GRADED SAND, SILTY, (SP) yellow brown 10YR 5/4, fine grained, wet, some mica, hydrocarbon odor, saprolite, dioritic		
	SS 10	PID = 372.1		POORLY GRADED SAND, SILTY, (SP) dark gray brown 10YR 4/2, fine grained, wet, some mica, hydrocarbon odor, saprolite, dioritic		
	SS 11	PID = 655.5		POORLY GRADED SAND, (SP) dark gray brown 10YR 4/2, fine grained, wet, some silt, hydrocarbon odor, saprolite, dioritic, micaceous		
	SS 12	PID = 147.3				
	SS 13	PID = 44.8				
	SS 14	PID = 34.4				
	SS 15	PID = 19.1				
	SS 16	PID = 38.6				
	SS 17	PID = 8				
	SS 18	PID = 11				
	SS 19	PID = 3.1				
	SS 20	PID = 3.3				
	SS 21			Bottom of borehole at 52.0 feet.	Soil Sample (50-52') @ 1625	



Apex Companies

BORING NUMBER RW-76

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-08-04 00:00 **COMPLETED** 2021-08-05 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jan Schimmelmann **BOREHOLE DIAMETER** 10.75 in. **DURING DRILLING** ---
METHOD HSA/Split Spoon **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						
10		PID = 87		LEAN CLAY, (CL) red 10R 4/8, moist, with organics, organic odor		Casing Type: 4
		PID = 86.9				Portland Grout 4-in. Sch 40 PVC casing
						Sodium Bentonite 3/8" Chips
20	SS 1	PID = 60.9		SILT, (ML) red 10R 5/8, moist, trace fine sand, some mica, no odor, trace organics		
	SS 2	PID = 152.8				
	SS 3	PID = 839.1		SILT, SANDY, (ML) brown 7.5YR 4/3, moist, trace fine sand, hydrocarbon odor, saprolite, micaceous		
	SS 4	PID = 291.2				
	SS 5	PID = 357.1		SILT, (ML) brown 7.5YR 4/4, moist, some fine sand, hydrocarbon odor, saprolite, micaceous		
	SS 6	PID = 318.9				
	SS 7	PID = 379.8		SILT, (ML) strong brown 7.5YR 4/6, moist, some fine sand, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 8	PID = 621.1				
30	SS 9	PID = 1244		SILT, (ML) yellow brown 10YR 5/6, moist, some fine sand, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 10	PID = 1133		POORLY GRADED SAND, (SP) yellow brown 10YR 5/6, fine grained, moist, some silt, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 11	PID = 1340			Free product in casing	
	SS 12	PID = 1115		POORLY GRADED SAND, (SP) dark gray brown 10YR 4/2, wet, trace medium sand, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 13	PID = 396.7				
	SS 14	PID = 281.1		POORLY GRADED SAND, (SP) gray 10YR 5/1, fine to medium grained, wet, trace silt, hydrocarbon odor, saprolite, micaceous, dioritic		
40	SS 15	PID = 379.7				
	SS 16	PID = 358.1		POORLY GRADED SAND, (SP) gray 10YR 5/1, fine grained, wet, some coarse sand, hydrocarbon odor, saprolite, micaceous, dioritic, trace quartz		
	SS 17	PID = 374.9				
	SS 18	PID = 8.9				
50	SS 19	PID = 24.7		POORLY GRADED SAND, (SP) gray 10YR 5/1, fine grained, wet, some silt, hydrocarbon odor, saprolite, micaceous, dioritic		
	SS 20	PID = 17.7		POORLY GRADED SAND, (SP) brown 10YR 5/3, fine grained, wet, trace silt, hydrocarbon odor, saprolite, micaceous, dioritic		
				POORLY GRADED SAND, (SP)		

CPC HUNTERSVILLE BH MW - GINT STD US LAB.GDT - 8/25/21 14:36 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\CPC HUNTERSVILLE.GPJ

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Apex Companies

BORING NUMBER RW-76

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
				brown 10YR 5/3, fine grained, wet, trace silt, no odor, saprolite, micaceous, dioritic Bottom of borehole at 50.0 feet.		



Apex Companies

BORING NUMBER RW-77

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-08-11 00:00 **COMPLETED** 2021-08-11 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY Jamie Humphrey **BOREHOLE DIAMETER** 10.75 in. **DURING DRILLING** ---
METHOD HSA **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Well Diameter: 4
10				LEAN CLAY, (CL) red 2.5YR 4/8, dry, trace organics, micaceous		
16.0	SS 1	PID = 27.3		SILT, SANDY, (ML) yellow red 5YR 5/6, dry, trace mica, trace medium sand, no odor, trace organics		Portland Grout
18.0	SS 2	PID = 7.8		SILT, SANDY, (ML) strong brown 7.5YR 5/8, dry, trace mica, no odor, saprolite		4-in. Sch 40 PVC casing
20.0	SS 3	PID = 33.5		SILT, (ML) strong brown 7.5YR 5/8, dry, trace medium sand, hydrocarbon odor		Sodium Bentonite 3/8" Chips
22.0	SS 4	PID = 136.4		SILT, (ML) strong brown 7.5YR 5/8, dry, hydrocarbon odor, saprolite, micaceous		
24.0	SS 5	PID = 194.8		SILT, (ML) strong brown 7.5YR 5/8, dry, hydrocarbon odor, saprolite, micaceous		
26.0	SS 6	PID = 230		SILT, SANDY, (ML) yellow brown 10YR 5/8, dry, trace mica, hydrocarbon odor, saprolite		
28.0	SS 7	PID = 155		SILT, SANDY, (ML) red 10R 4/6, dry, trace mica, hydrocarbon odor, saprolite		
30.0	SS 8	PID = 81.6		SILTY SAND, (SM) light olive brown 2.5Y 5/4, moist, trace mica, some medium sand, hydrocarbon odor, saprolite, dioritic, micaceous		
32.0	SS 9	PID = 197.3		SILTY SAND, (SM) yellow brown 10YR 5/4, moist, trace mica, hydrocarbon odor, saprolite, dioritic, micaceous		
34.0	SS 10	PID = 165.2		SILTY SAND, (SM) light olive brown 2.5Y 5/3, moist, some coarse sand, trace mica, hydrocarbon odor		
36.0	SS 11	PID = 240.7		SILTY SAND, (SM) gray brown 2.5Y 5/2, moist, hydrocarbon odor, saprolite, dioritic		
38.0	SS 12	PID = 261.1		SILTY SAND, (SM) yellow brown 10YR 5/4, moist, trace medium sand, some mica, hydrocarbon odor, saprolite, dioritic		
40.0	SS 13	PID = 459.4		SILTY SAND, (SM) dark yellow brown 10YR 4/6, moist, trace medium sand, some mica, hydrocarbon odor, saprolite, dioritic		
42.0	SS 14	PID = 812			Most of recovery lost from spoon Soil Sample (38-40') @ 1600	
44.0	SS 15	PID = 491.4				
46.0	SS 16	PID = 201.6				
48.0	SS 17	PID = 196.7				
50.0	SS 18	PID = 159.2				
52.0	SS 19	PID = 267.2				
54.0	SS 20				Soil Sample (54-56') @ 1605	
56.0						

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Apex Companies

BORING NUMBER RW-77

CLIENT Colonial Pipeline

PROJECT NAME 2020-L1-SR2448

PROJECT NUMBER CPC21018

PROJECT LOCATION Huntersville, NC

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
				SILTY SAND, (SM) pale brown 10YR 6/3, medium to coarse grained, saturated, trace mica, hydrocarbon odor, saprolite, dioritic, trace pebbles SILTY SAND, (SM) red brown 2.5YR 4/3, moist, hydrocarbon odor, saprolite, dioritic, micaceous SILTY SAND, (SM) red brown 2.5YR 4/3, saturated, hydrocarbon odor, saprolite, dioritic, micaceous SILTY SAND, (SM) dark olive brown 2.5Y 3/3, medium to coarse grained, moist, some mica, hydrocarbon odor, saprolite, dioritic, micaceous Refusal at 56.0 feet. Bottom of borehole at 56.0 feet.		



Apex Companies

BORING NUMBER RW-78

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC
DATE/TIME STARTED 2021-08-12 00:00 **COMPLETED** 2021-08-13 00:00 **GROUND ELEVATION** _____ **TOP OF CASING** _____
DRILLING CONTRACTOR Parratt-Wolff **EQUIPMENT** CME 550X
DRILLER Kevin White **GROUND WATER LEVELS AND TIME:**
LOGGED BY C. Alexander **BOREHOLE DIAMETER** 10.75 in. **DURING DRILLING** ---
METHOD Hollow Stem Auger 8.25" **AFTER DRILLING** ---

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
0						Casing Type: 4
10		PID = 263.4		SILT, CLAYEY, (ML) dark red brown 2.5YR 3/4, dry, organic odor		Portland Grout 4-in. Sch 40 PVC casing Sodium Bentonite 3/8" Chips
	SS 1	PID = 100.5		SILT, (ML) yellow red 5YR 5/6, dry, no odor, saprolite	Soil Sample (14-16') @ 1430	
	SS 2	PID = 71.1				
	SS 3	PID = 86.2				
20	SS 4	PID = 67.4		SILT, (ML) strong brown 7.5YR 4/6, dry, no odor, saprolite		
	SS 5	PID = 188.5				
	SS 6	PID = 371		SILT, (ML) yellow brown 10YR 5/4, dry, hydrocarbon odor, saprolite		
	SS 7	PID = 126.8		SILT, (ML) yellow brown 10YR 5/4, dry, hydrocarbon odor, saprolite, dioritic		
30	SS 8	PID = 91.7		SILT, (ML) brown 10YR 5/3, dry, hydrocarbon odor, saprolite, dioritic		
	SS 9	PID = 131.5				
	SS 10	PID = 286.4			Anomalous structure appears as very thin, laminations vertically oriented	
	SS 11	PID = 176.4			Light, sporadic oxidation laminations and veins	
40	SS 12	PID = 90.5			Soil Sample (38-40') @ 1435	
	SS 13	PID = 285.8		SILT, CLAYEY, (ML) brown 10YR 5/3, moist, hydrocarbon odor, saprolite, dioritic	Anomalous structure appears as very thin, laminations vertically oriented	
	SS 14	PID = 423.5				
	SS 15	PID = 376.8		SILT, CLAYEY, (ML) brown 10YR 4/3, moist, hydrocarbon odor, saprolite, dioritic, micaceous		
	SS 16	PID = 69.8				
50	SS 17	PID = 17.6				
	SS 18	PID = 14.5				
	SS 19	PID = 375.6			Hard contacts above and below	
	SS 20	PID = 209.8			Soil Sample (54-56') @ 1440	
60	SS 21	PID = 385.3				
	SS 22	PID = 388.7				
	SS 23	PID = 201.9				
	SS 24	PID = 247.6				
	SS 25	PID = 103.6				
	SS 26	PID = 35.6				
	SS 27			Refusal at 64.0 feet. Bottom of borehole at 64.0 feet.		

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Apex Companies

BORING NUMBER RW-78

CLIENT Colonial Pipeline **PROJECT NAME** 2020-L1-SR2448
PROJECT NUMBER CPC21018 **PROJECT LOCATION** Huntersville, NC

DEPTH (ft)	SAMPLE TYPE NUMBER	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	COMMENTS	WELL DIAGRAM
25	SS					
26	SS					
27	SS					

APPENDIX C
GROUNDWATER SAMPLING LOGS

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-13		DATE: 8/3/21	
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 13 feet to 60 feet		DEPTH TO WATER (feet): 42.75		PUMP TYPE OR BAILER: ESP	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

$$= (\text{feet} - \text{feet}) \times \text{gallons/foot} = \text{gallons}$$

PUMP DEPTH IN WELL (feet):	55	PURGING INITIATED AT:	1050	PURGING ENDED AT:	1135	TOTAL VOLUME PURGED (gallons):	4.1
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[illegible]

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Dickkey / AECOM	SAMPLER(S) SIGNATURE(S): T-Dickkey	SAMPLE TIME: 1130
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PUMP OR TUBING DEPTH IN WELL (feet):	55	TUBING MATERIAL CODE:	FIELD-FILTERED: Y (N) FILTER SIZE: ____ μm Filtration Equipment Type: --
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FIELD DECONTAMINATION:	PUMP	☒	N	TUBING	Y	☒ N (replaced)	DUPLICATE:	Y	☒ N
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SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
14-13	4	AG	40 mL	HCL	40 mL x 4	6.21	6200	ESP	
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010		
	3	CG	40 mL	None	40 mL x 3		8015		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: **APP** = After (Through) Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump;
 RFPP = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **O** = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-23		DATE: 08/03/21	
WELL DIAMETER (inches): 2" PVC		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 17.59 feet to 47.59 feet		DEPTH TO WATER (feet): 29.74		PUMP TYPE OR BAILER: ESP	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (47.59 feet - 29.74 feet) X 0.16 gallons/foot = 2.856 gallons									
PUMP DEPTH IN WELL (feet): ~35'		PURGING INITIATED AT: 0910		PURGING ENDED AT: 1045		TOTAL VOLUME PURGED (gallons): 5.0012 gal			

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0925	0.786	0.05283	30.27	19.5	4.60	94.2	6.31	128.3	176.6	Tan/Cloudy	None
0930	1.0479		30.38	19.5	5.14	94.2	6.31	131.0	285.3	Tan/Cloudy	None
0935	1.3098		30.53 ✓	19.2 ✓	5.31	94.5 ✓	6.32 ✓	133.5 ✓	308.0	Tan/Cloudy	None
0940	1.5717		30.69 ✓	19.2 ✓	5.11 ✓	93.5 ✓	6.31 ✓	135.6 ✓	256.0	Tan/Cloudy	None
0945	1.8336		30.84 ✓	19.0 ✓	5.60 ✓	91.8 ✓	6.30 ✓	137.5 ✓	165.9	Tan/Cloudy	None
0950	2.0955		30.94 ✓	19.1 ✓	5.26 ✓	91.3 ✓	6.30 ✓	139.4 ✓	160.2	Tan/Cloudy	None
0955	2.3597		31.04 ✓	19.0 ✓	5.51 ✓	90.0 ✓	6.29 ✓	141.5 ✓	93.62	Cloudy	None
1000	2.6238		30.99 ✓	19.2 ✓	5.19 ✓	90.1 ✓	6.29 ✓	142.5 ✓	89.32	Cloudy	None
1005	2.8880		31.01 ✓	19.1 ✓	5.46 ✓	91.1 ✓	6.30 ✓	143.9 ✓	74.85	Cloudy	None
1010	3.1521		31.25 ✓	19.0 ✓	5.79	90.6 ✓	6.30 ✓	145.6 ✓	58.47	Partly Cloudy	None
1015	3.4163		31.26 ✓	18.8 ✓	5.68 ✓	92.1 ✓	6.32 ✓	144.4 ✓	142.6	Cloudy	None
1020	3.6805		31.27 ✓	19.0 ✓	5.59 ✓	91.5 ✓	6.31 ✓	146.2 ✓	33.52	Clear	None
1025	3.9446		31.22 ✓	19.1 ✓	5.38 ✓	92.3 ✓	6.31 ✓	147.2 ✓	22.23	Clear	None
1030	4.2088		31.20 ✓	19.2 ✓	5.46 ✓	93.4 ✓	6.31 ✓	149.0 ✓	51.39	Partly Cloudy	None
1035	4.4729		31.04 ✓	19.4 ✓	5.31 ✓	93.8 ✓	6.32 ✓	150.2 ✓	70.84	Partly Cloudy	None
1040	4.7371		31.08 ✓	19.5 ✓	5.14 ✓	95.2 ✓	6.32 ✓	151.7 ✓	72.57	Partly Cloudy	None
1045	5.0012		31.09 ✓	19.3 ✓	5.60 ✓	94.8 ✓	6.32 ✓	153.4 ✓	65.98 ✓	Partly Cloudy	None
TRB											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Burns / AECOM				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: 1045		
PUMP OR TUBING DEPTH IN WELL (feet): ~35'				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm		
FIELD DECONTAMINATION: PUMP (Y) N				TUBING Y (N) (replaced)			DUPLICATE: Y (N)		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-23	4	AG	40 mL	HCL	40 mL x 4	6.32	6200	ESP	0.05283
MW-23	3	AG	40 mL	HCL	40 mL x 3		VPH	ESP	0.05283
MW-23	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010	ESP	0.05283
MW-23	3	CG	40 mL	None	40 mL x 3		8015	ESP	0.05283

REMARKS: Collected sample after turbidity reached <10% (due to variability of readings).

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-25D		DATE: 8/6/2021	
WELL DIAMETER (inches):		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 113.71 feet to 123.71 feet		DEPTH TO WATER (feet): 50.13		PUMP TYPE OR BAILER: Bladder	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (123.71 feet - 50.13 feet) X 0.16 gallons/foot = 11.77 gallons									
PUMP DEPTH IN WELL (feet): 120		PURGING INITIATED AT: 0955		PURGING ENDED AT: 1030		TOTAL VOLUME PURGED (gallons): 1.75			

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0955	0.00	0.05	49.41	20.4	8.35	330.2	7.62	265.5	15.84	Clear	N.S.O
1000	0.25		50.03	19.6	8.14	324.6	7.64	268.7	13.91		
1005	0.50		50.54	18.9	5.41	317.8	7.58	267.3	14.14		
1010	0.75		50.74	18.9	5.81	316.9	7.62	265.7	11.18		
1015	1.0		50.69	19.1	6.47	317.2	7.64	265.0	11.99		
1020	1.25		51.14	19.0	6.83	315.5	7.65	265.1	12.70		
1025	1.50		51.23	19.2	6.99	319.3	7.64	265.0	12.17		
1030	1.75		51.31	19.0	6.74	313.1	7.59	265.9	12.78		
AG											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'malia / AECOM				SAMPLER(S) SIGNATURE(S): AG			SAMPLE TIME: 1035		
PUMP OR TUBING DEPTH IN WELL (feet): 120				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y ☒ (N) FILTER SIZE: ____ µm		
FIELD DECONTAMINATION: PUMP 0 N				TUBING Y ☒ (replaced)			DUPLICATE: Y ☒ (N)		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLING EQUIPMENT CODE		
MW-25D	4	AG	40 mL	HCL	40 mL x 4	7.59	6200		
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010		
	3	CG	40 mL	None	40 mL x 3		8015		

REMARKS: **1.50 = VERY slight odor**

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-32		DATE: 8/5/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 23.05 feet to 38.03 feet		DEPTH TO WATER (feet): 14.69		PUMP TYPE OR BAILER: Mensor	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (38.03 feet - 14.69 feet) X 0.16 gallons/foot = 3.73 gallons									
PUMP DEPTH IN WELL (feet): 21		PURGING INITIATED AT: 0905		PURGING ENDED AT: 1000		TOTAL VOLUME PURGED (gallons): 5.0			

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0905	0.0	0.1	14.86	16.4	4.13	114.9	5.91	206.9	118.3	C.W.	None
0910	0.5		14.97	16.6	4.09	111.7	5.82	242.1	162.2		
0915	1.0		15.24	16.3	4.00	110.7	6.12	238.5	193.9		
0920	1.5		15.21	16.3	3.93	110.7	6.13	239.9	166.9		
0925	2.0		15.25	16.4	4.18	110.4	6.15	245.5	45.07	Clear	
0930	2.5		15.28	16.4	4.18	110.3	6.15	250.7	45.99		
0935	3.0		15.28	16.5	4.19	110.6	6.15	254.5	36.62		
0940	3.5		15.27	16.6	4.22	110.8	6.16	256.4	25.49		
0945	4.0		15.27	16.5	4.31	110.8	6.16	256.9	28.39		
0950	4.5		15.26	16.7	4.35	111.2	6.16	260.2	26.32		
1000	5.0		15.24	16.7	4.25	111.5	6.16	262.5	28.23		
AD											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'malia / AECOM				SAMPLER(S) SIGNATURE(S): A.O'm			SAMPLE TIME: 1005		
PUMP OR TUBING DEPTH IN WELL (feet): 21				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N) FILTER SIZE: --- µm			
FIELD DECONTAMINATION: PUMP 0 N				TUBING Y (N) (replaced)		DUPLICATE: Y (N)			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-32	3	AG	40 mL	HCL	40 mL x 4	6.16	6200	ESP	0.1
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010		
	3	CG	40 mL	None	40 mL x 3		8015		

REMARKS: CW. = Cloudy white. VOA cap for 6200 VOA snapped off when twisting on.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-34		DATE: 8/14/2021	
WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 7.89 feet to 22.89 feet		DEPTH TO WATER (feet): 9.77		PUMP TYPE OR BAILER: Mensor	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (22.89 feet - 9.77 feet) X 0.16 gallons/foot = 2.1 gallons									
PUMP DEPTH IN WELL (feet): 15		PURGING INITIATED AT: 1415		PURGING ENDED AT: 1450		TOTAL VOLUME PURGED (gallons): 3.5			

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1415	0.0	0.1	10.08	17.8	3.97	139.1	6.23	308.6	287.1	C.W.	None
1420	0.5		10.15	17.2	3.66	137.4	6.19	283.8	130.0		
1425	1.0		10.20	17.2	3.80	139.2	6.26	274.8	129.3		
1430	1.5		10.22	16.8	3.94	137.4	6.32	265.7	105.0		
1435	2.0		10.34	16.8	3.92	136.4	6.32	265.5	101.3		
1440	2.5		10.43	16.8	3.90	135.3	6.33	264.5	79.79		
1445	3.0		10.46	16.9	4.03	134.5	6.34	262.6	74.83		
1450	3.5		10.49	16.8	3.98	134.5	6.34	262.1	80.33		
AC											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'Malia / AECOM				SAMPLER(S) SIGNATURE(S): A.O.M.			SAMPLE TIME: 1455					
PUMP OR TUBING DEPTH IN WELL (feet): 15				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm					
FIELD DECONTAMINATION: PUMP 0 N				TUBING Y (N) (replaced)			DUPLICATE: Y (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (gal per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
MW-34	4	AG	40 mL	HCL	40 mL x 4	6.34	6200		ESP		0.1	
	3	AG	40 mL	HCL	40 mL x 3		VPH					
	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010					
	3	CG	40 mL	None	40 mL x 3		8015					

REMARKS: C.W. = Cloudy White

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-36DR		DATE: 8/6/2021	
WELL DIAMETER (inches):		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 114 feet to 134 feet		DEPTH TO WATER (feet): 26.64		PUMP TYPE OR BAILER: Bladder	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)
= (134 feet - 26.64 feet) X 0.16 gallons/foot = 17.17 gallons

PUMP DEPTH IN WELL (feet): 121	PURGING INITIATED AT: 1155	PURGING ENDED AT: 1325	TOTAL VOLUME PURGED (gallons): 5.00
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TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1155	0.00	0.05	27.15	17.4	8.15	248.7	7.82	189.8	26.93	Clear	None
1200	0.25		28.85	17.3	4.27	248.3	7.89	177.3	16.92		
1205	0.50		31.12	17.0	2.57	246.7	7.88	173.1	16.60		
1210	0.75		32.69	17.1	2.13	246.5	7.87	169.7	17.99		
1215	1.00		34.79	16.9	1.64	246.0	7.87	165.0	17.63		
1220	1.25		37.48	16.8	1.57	245.8	7.87	162.0	15.48		
1225	1.50		39.15	17.0	1.35	246.3	7.87	160.1	13.93		
1230	1.75		40.39	17.8	1.27	250.9	7.88	158.5	13.62		
1235	2.00		41.45	17.9	1.27	251.7	7.88	158.7	13.84		
1240	2.75		42.15	18.0	1.20	252.3	7.88	158.7	12.79		
1245	3.00		43.02	17.7	1.18	250.5	7.87	157.6	11.91		
1250	3.25		43.71	18.0	1.17	252.6	7.87	156.0	12.79		
1255	3.50		44.64	17.8	1.22	251.6	7.87	155.0	12.67		
1300	3.75		45.15	18.0	1.12	252.4	7.87	154.4	10.76		
1305	4.00		45.73	18.2	1.05	253.8	7.87	153.6	10.30		
1310	4.25		45.90	18.1	1.00	253.2	7.87	153.2	10.09		
1315	4.50		46.21	18.2	1.00	253.5	7.87	153.1	9.93		
1320	4.75		46.29	18.2	1.03	253.8	7.87	153.1	9.87		
1325	5.00		46.40	18.2	1.07	253.7	7.87	153.1	10.01		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'malia / AECOM		SAMPLER(S) SIGNATURE(S): A.O'm		SAMPLE TIME: 1330	
PUMP OR TUBING DEPTH IN WELL (feet): 121		TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm	

FIELD DECONTAMINATION: PUMP 0 N	TUBING Y (replaced)	DUPLICATE: Y 0
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SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-36DR	4	AG	40 mL	HCL	40 mL x 4	7.87	6200	BP	0.1
I	3	AG	40 mL	HCL	40 mL x 3	I	VPH	I	I
I	1	PP	250 mL	HNO ₃	250 mL	I	Lead by 6010	I	I
I	3	CG	40 mL	None	40 mL x 3	I	8015	I	I

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene;
S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW- 52		DATE: 8/5/2021	
WELL DIAMETER (inches): 4" PVC		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: 26.98 feet to 56.98 feet		DEPTH TO WATER (feet): 35.22		PUMP TYPE OR BAILER: ESP	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (56.98 feet - 35.22 feet) X 0.65 gallons/foot = 14.144 gallons 3 well volumes = 42.432 gals									
PUMP DEPTH IN WELL (feet): ~ 40'		PURGING INITIATED AT: 925		PURGING ENDED AT: 1015		TOTAL VOLUME PURGED (gallons): 2.6416			

TIME	VOLUME PURGED (gallons)	5 min = 0.26415 PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
0940	0.7925	0.05283	35.50	17.2	2.69	154.5	6.49	17.3	6.60	Clear	None
0945	1.0567		35.49	17.4	2.33	154.9	6.49	13.9	6.68	Clear	None
0950	1.3208		35.50	17.6	1.96	155.7	6.49 ✓	11.8 ✓	5.83 ✓	Clear	None
0955	1.5850		35.48	17.2	1.74	153.1	6.48 ✓	11.7 ✓	6.01 ✓	Clear	None
1000	1.8491		35.45	17.5	1.46	153.6	6.48 ✓	10.9 ✓	5.48 ✓	Clear	None
1005	2.1133		35.46	17.3 ✓	0.33	153.1	6.47 ✓	10.9 ✓	5.74 ✓	Clear	None
1010	2.3774		35.50	17.4 ✓	0.34	153.7	6.47 ✓	10.2 ✓	6.11 ✓	Clear	None
1015	2.6416		35.51	17.5 ✓	0.30	154.9	6.47 ✓	9.6 ✓	5.33 ✓	Clear	None
TRB											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Burns / AECOM				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: 1015		
PUMP OR TUBING DEPTH IN WELL (feet): ~45'				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm		
FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced))				DUPLICATE: Y (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	SAMPLING EQUIPMENT CODE		
MW-52	4	AG	40 mL	HCL	40 mL x 4	6.47	6200		
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010		
	3	CG	40 mL	None	40 mL x 3		8015		
REMARKS: @ 1000 TB moved the flow through cell out of direct contact with sunlight. 200 mL/min = 0.2 L/min = 0.05283 gpm									

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: mw-56		DATE: 8/14/2021	
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH 13.26 feet to 43.26 feet		DEPTH TO WATER (feet): 11.76		PUMP TYPE OR BAILER: monsoon	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (43.26 feet - 11.76 feet) X 0.65 gallons/foot = 20.48 gallons									
PUMP DEPTH IN WELL (feet): 20		PURGING INITIATED AT: 1130		PURGING ENDED AT: 1205		TOTAL VOLUME PURGED (gallons): 3.5			

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1130	0.0	0.1	11.89	16.7	8.39	177.8	6.24	192.7	24.61	Clear	None
1135	0.5		12.05	17.5	6.61	188.8	6.27	225.8	12.08		
1140	1.0		12.03	17.7	6.54	169.3	6.30	230.2	4.71		
1145	1.5		12.04	17.6	6.39	168.8	6.26	236.8	1.72		
1150	2.0		12.05	17.4	6.25	167.6	6.24	243.2	2.09		
1155	2.5		12.08	17.6	5.93	167.9	6.29	253.8	2.15		
1200	3.0		12.14	17.8	5.80	165.1	6.24	260.2	1.12		
1205	3.5	+	12.18	17.6	5.79	164.8	6.22	261.9	1.48	-	-
AG											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Andrew O'malia / AECOM				SAMPLER(S) SIGNATURE(S): AO			SAMPLE TIME: 1210					
PUMP OR TUBING DEPTH IN WELL (feet): 20				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y ☒ (N) FILTER SIZE: ____ µm					
FIELD DECONTAMINATION: PUMP 0 N				TUBING Y ☒ (replaced)			DUPLICATE: Y ☒ (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (gal per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
mw-56	4	AG	40 mL	HCL	40 mL x 4	6.22	6200		ESP		0.1	
I	3	AG	40 mL	HCL	40 mL x 3	I	VPH		I		I	
I	1	PP	250 mL	HNO ₃	250 mL	I	Lead by 6010		I		I	
I	3	CG	40 mL	None	40 mL x 3	I	8015		I		I	

REMARKS: **3 well volumes purged**

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-69		DATE: 8/4/2021	
WELL DIAMETER (inches): 4		TUBING DIAMETER (inches): 3/8		WELL SCREEN INTERVAL DEPTH: 30.82 feet to 60.82 feet		DEPTH TO WATER (feet): 51.23		PUMP TYPE OR BAILER: monsoon pump	

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY
(only fill out if applicable)

= (60.82 feet - 51.23 feet) X 0.65 gallons/foot = 6.23 gallons

PUMP DEPTH IN WELL (feet): 59	PURGING INITIATED AT: 1003	PURGING ENDED AT: 1203	TOTAL VOLUME PURGED (gallons): 17
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TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1003	0	0.283	51.23	18.2	7.69	146.2	6.53	321.4	7.57	clear	none
1008	0.71		51.76	17.7	6.45	149.3	6.53	293.0	25.55		
1013	1.42		51.89	17.7	6.49	147.7	6.52	265.4	30.19		
1018	2.13		51.93	17.9	6.45	147.8	6.52	252.4	54.02		
1023	2.83		52.10	17.9	6.44	148.3	6.51	238.5	71.72		
1028	3.54		52.18	17.8	6.39	147.9	6.50	233.1	114.6		
1033	4.25		52.10	18.0	6.14	149.3	6.51	230.4	92.66		
1038	4.96		52.13	18.0	6.22	150.6	6.51	227.0	77.13		
1043	5.67		52.06	18.1	6.12	151.6	6.51	224.7	84.67		
1048	6.38		52.12	18.1	6.18	152.2	6.51	222.3	55.23		
1053	7.08		52.12	18.1	6.10	152.6	6.51	219.3	40.59		
1058	7.79		52.35	18.0	6.22	152.0	6.50	217.2	40.35		
1103	8.5		52.48	17.8	6.17	149.9	6.50	217.5	105.6		
1108	9.21		52.24	17.9	5.97	151.0	6.51	220.5	92.84		
1113	9.92		52.12	18.1	5.81	153.0	6.52	222.2	120.6		
1118	10.63		52.07	18.1	5.93	153.7	6.52	223.7	88.10		
1123	11.33		52.05	18.1	5.69	154.2	6.52	224.7	48.33		
1128	12.04		51.95	18.2	5.53	154.9	6.52	225.9	48.12		
1133	12.75		51.95	18.2	5.98	154.9	6.52	227.1	30.30		
1138	13.46		52.06	18.2	5.88	154.8	6.51	225.8	36.55		
1143	14.17		52.13	18.2	5.92	154.2	6.52	226.1	54.33		
1148	14.88		52.10	18.3	6.04	154.2	6.52	227.6	48.80		
1153	15.58		52.02	18.3	6.17	154.8	6.51	228.8	58.71		
1158	16.29		52.06	18.4	6.07	154.9	6.51	228.2	50.09		
1203	17		52.06	18.3	6.16	154.8	6.51	228.7	44.11		

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Emily Love / AECOM		SAMPLER(S) SIGNATURE(S): Emily R. Love		SAMPLE TIME: 1203	
PUMP OR TUBING DEPTH IN WELL (feet): 59		TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm	

FIELD DECONTAMINATION:	PUMP (Y) N	TUBING Y (N (replaced))	DUPLICATE: Y (N)
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SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-69	4	AG	40 mL	HCL	40 mL x 4	6.51	6200	ESP	0.283
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010		
	3	CG	40 mL	None	40 mL x 3		8015		

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

9.75

GROUNDWATER SAMPLING LOG

[illegible]

GROUNDWATER SAMPLING LOG

SITE NAME: 2020-L1-2448 Incident		SITE LOCATION: Huntersville, NC		PROJECT NUMBER: 60639876		WELL NAME: MW-87		DATE: 8/4/2021	
WELL DIAMETER (inches): 4" PVC		TUBING DIAMETER (inches): 3/8"		WELL SCREEN INTERVAL DEPTH: feet to 58.60 feet		DEPTH TO WATER (feet):		PUMP TYPE OR BAILER: ESP	
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)									
= (58.60 feet - 45.84 feet) X 0.65 gallons/foot = 8.294 gallons									
PUMP DEPTH IN WELL (feet): ~51'		PURGING INITIATED AT: 1330		PURGING ENDED AT: 1450		TOTAL VOLUME PURGED (gallons): 7.1855			

TIME	VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DO (mg/L)	COND. (µS/cm)	pH (standard units)	ORP (mV)	TURB. (NTU)	COLOR (describe)	ODOR (describe)
STABILIZATION CRITERIA:			<0.3 ft. drawdown	within 3%	within 10% or <0.5 mg/L	within 3%	±0.1 unit	±10 mV	within 10% or <5 NTU	--	--
1345	1.3473	0.0898185	47.55	17.5	7.37	233.8	7.14	-62.1	17.21	Clear	None
1350	1.7964		47.62	17.7	7.08	219.6	7.02	-48.5	24.09	Clear	None
1355	2.2455		47.53	18.1	6.80	214.4	6.96	-34.7	36.72	Partly Cloudy	None
1400	2.6946		47.56	17.9	6.65	209.6	6.92	-27.6	27.00	Clear	None
1405	3.1437		47.57	17.9	6.47	207.3	6.90	-17.8	36.29	Clear	None
1410	3.5928		47.61	17.9	6.26	204.1	6.88	-9.4	24.40	Clear	None
1415	4.0419		47.52	18.0	6.09	202.1	6.86	-3.1	21.10	Clear	None
1420	4.4910		47.54	18.1	5.88	201.2	6.84	4.2	22.52	Clear	None
1425	4.9400		47.53	18.0	5.74	199.5	6.83	11.0	25.25	Clear	None
1430	5.3891		47.54	18.1	5.55	198.2	6.83	18.1	17.05	Clear	None
1435	5.8382		47.54	18.0	5.43	197.1	6.82	24.5	13.11	Clear	None
1440	6.2872		47.55	18.1	5.19	198.5	6.82	29.7	9.05	Clear	None
1445	6.7364		47.55	18.2	5.10	199.3	6.81	33.8	9.86	Clear	None
1450	7.1855		47.55	18.3	5.10	197.3	6.81	38.2	8.72	Clear	None
TRB											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Trevor Burns / AECOM				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLE TIME: 1450		
PUMP OR TUBING DEPTH IN WELL (feet): ~51'				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y (N) FILTER SIZE: ___ µm		
FIELD DECONTAMINATION: PUMP (Y) N TUBING Y (N (replaced))				DUPLICATE: Y (N)					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (gal per minute)
MW-87	4	AG	40 mL	HCL	40 mL x 4		6200	ESP	0.0898185
	3	AG	40 mL	HCL	40 mL x 3		VPH		
	1	PP	250 mL	HNO ₃	250 mL		Lead by 6010		
	3	CG	40 mL	None	40 mL x 3		8015		

REMARKS: DUP-2-2021 collected w/ time @ 0800

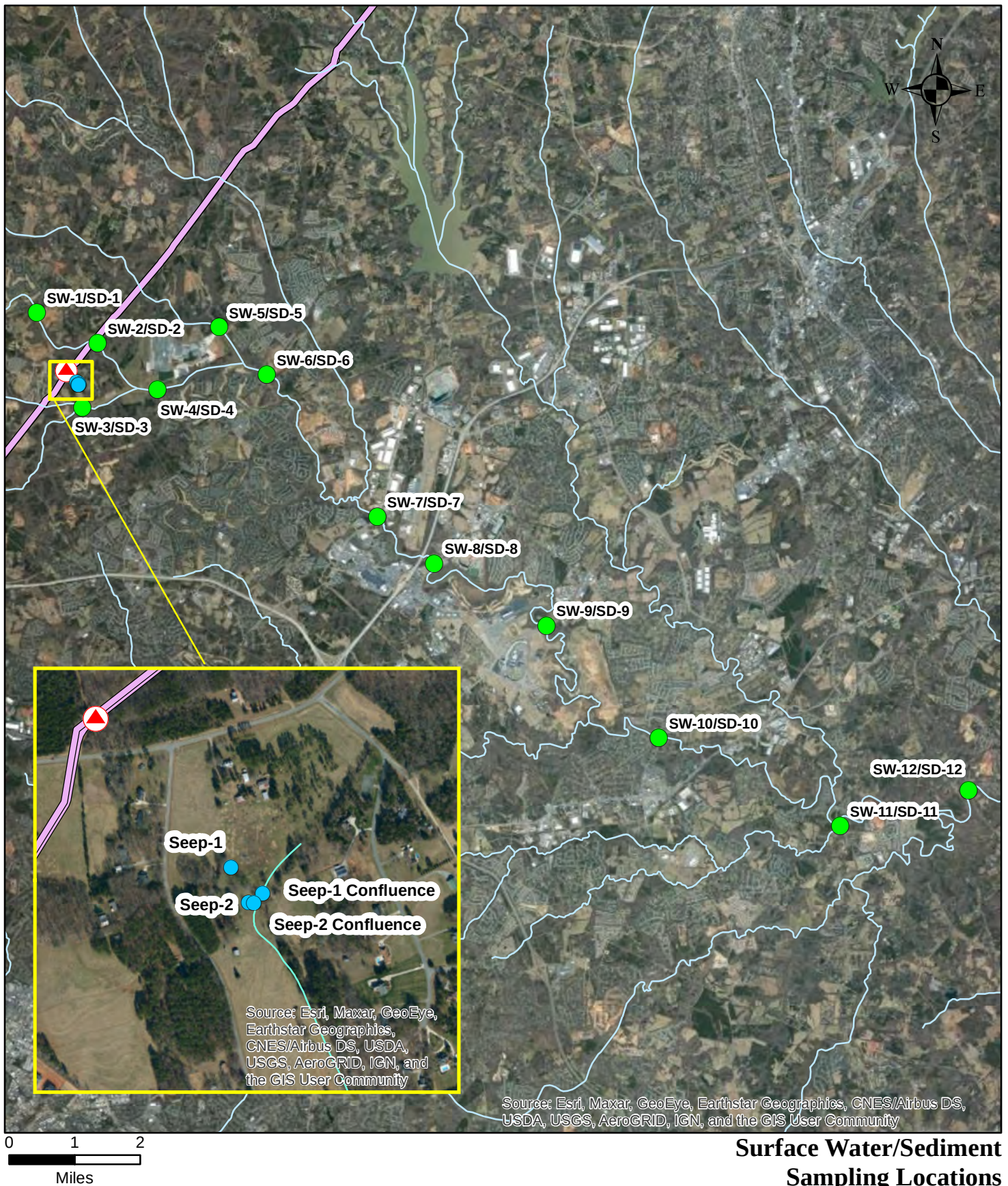
340mL/min = 0.340L/min = 0.0898185

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

APPENDIX D

SURFACE WATER SAMPLING INFORMATION



2020-L1-SR2448 Incident
Huntersville, NC

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-1	North Prong Clark Creek (Up-gradient of the leak site)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-2	North Prong Clark Creek (Downgradient of leak site)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-3	South Prong Clark Creek (Downgradient of the leak site)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	

**Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident**

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-4	Clarke Creek (Downgradient of North/South Prong Clark Creek confluence)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-5	Ramah Creek (Upgradient of SW-6)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	

**Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident**

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-6	Clarke Creek (Downgradient of Ramah Creek confluence)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-7	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/27/2020	<80	<1	<1	<1	<2	<1	<1	
		9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	

**Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident**

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
EPA MCL				5	1,000	700	10,000	10,000	10,000	
EPA Region 4 ESV (acute)				700	560	550	240	240	240	
15A North Carolina Administrative Code subchapter 02B				51	11	97	420	600	670	
SW-8	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
SW-9	Rocky River (Downgradient of Clarke River confluence)	8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
SW-10	Rocky River (Downgradient of Clarke River confluence)	8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
		8/19/2020	<80	<1	<1	<1	<2	<1	<1	
SW-11	Rocky River (Downgradient of Mallard Creek)	8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	
		8/18/2020	<80	<1	<1	<1	<2	<1	<1	
SW-12	Rocky River (Downgradient of Back Creek)	8/19/2020	<80	<1	<1	<1	<2	<1	<1	
		8/20/2020	<80	<1	<1	<1	<2	<1	<1	
		8/21/2020	<80	<1	<1	<1	<2	<1	<1	
		8/22/2020	<80	<1	<1	<1	<2	<1	<1	
		8/15/2020	<80	<1	<1	<1	<2	<1	<1	
		8/16/2020	<80	<1	<1	<1	<2	<1	<1	
		8/17/2020	<80	<1	<1	<1	<2	<1	<1	

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-Seep	Downgradient of Site	9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	4	<1	<2	<1	<1	
		5/5/2021	<80	<1	6.7	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
	EPA MCL			5	1,000	700	10,000	10,000	10,000	
	EPA Region 4 ESV (acute)			700	560	550	240	240	240	
	15A North Carolina Administrative Code subchapter 02B			51	11	97	420	600	670	
SW-Confluence	Downgradient of Site	9/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/2/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/3/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/10/2020	<80	<1	<1	<1	<2	<1	<1	
		9/17/2020	<80	<1	<1	<1	<2	<1	<1	
		9/19/2020	<80	<1	<1	<1	<2	<1	<1	x
		9/24/2020	<80	<1	<1	<1	<2	<1	<1	
		9/26/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/1/2020	<80	<1	<1	<1	<2	<1	<1	
		10/7/2020	<80	<1	<1	<1	<2	<1	<1	
		10/12/2020	<80	<1	<1	<1	<2	<1	<1	x
		10/22/2020	<80	<1	<1	<1	<2	<1	<1	
		10/31/2020	<80	<1	<1	<1	<2	<1	<1	
		11/5/2020	<80	<1	<1	<1	<2	<1	<1	
		11/13/2020	<80	<1	<1	<1	<2	<1	<1	x
		11/19/2020	<80	<1	<1	<1	<2	<1	<1	
		12/1/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/17/2020	<80	<1	<1	<1	<2	<1	<1	x
		12/30/2020	<80	<1	<1	<1	<2	<1	<1	
		1/14/2021	<80	<1	<1	<1	<2	<1	<1	
		1/27/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/12/2021	<80	<1	<1	<1	<2	<1	<1	x
		2/26/2021	<80	<1	<1	<1	<2	<1	<1	
		3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x

Table 1. Surface Water Sampling Results
2020-L1-SR2448 Incident

Location ID	Description	Date	TPH (GRO) (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	m,p-Xylene (µg/L)	o-Xylene (µg/L)	Xylenes (µg/L)	Rain Event
EPA MCL				5	1,000	700	10,000	10,000	10,000	
EPA Region 4 ESV (acute)				700	560	550	240	240	240	
15A North Carolina Administrative Code subchapter 02B				51	11	97	420	600	670	
SW-Seep 2	Downgradient of SW-Seep Location	3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
SW-Confluence 2	Downgradient of SW-Confluence Location	3/10/2021	<80	<1	<1	<1	<2	<1	<1	
		3/19/2021	<80	<1	<1	<1	<2	<1	<1	x
		3/24/2021	<80	<1	<1	<1	<2	<1	<1	
		3/26/2021	<80	<1	<1	<1	<2	<1	<1	x
		4/7/2021	<80	<1	<1	<1	<2	<1	<1	
		4/21/2021	<80	<1	<1	<1	<2	<1	<1	
		5/5/2021	<80	<1	<1	<1	<2	<1	<1	
		5/20/2021	<80	<1	<1	<1	<2	<1	<1	
		6/3/2021	<80	<1	<1	<1	<2	<1	<1	
		6/9/2021	<80	<1	<1	<1	<2	<1	<1	x
		6/16/2021	<80	<1	<1	<1	<2	<1	<1	
		7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x
SW-G	Downgradient of SW-Confluence 2 Location at Culvert	7/2/2021	<80	<1	<1	<1	<2	<1	<1	
		7/14/2021	<80	<1	<1	<1	<2	<1	<1	
		7/16/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/20/2021	<80	<1	<1	<1	<2	<1	<1	x
		7/28/2021	<80	<1	<1	<1	<2	<1	<1	x
		8/11/2021	<80	<1	<1	<1	<2	<1	<1	
		8/18/2021	<80	<1	<1	<1	<2	<1	<1	x

	Sample collected, results pending
x	Rainfall event (Rain > 1"/24h)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-1	North Prong Clark Creek (Up-gradient of the leak site)	8/15/2020	26.66	7.58	57	0.146	4.75	10.1	
		8/16/2020	26.74	7.47	106	0.133	7.01	9.6	
		8/17/2020	25.78	7.47	101	0.137	4.88	2.9	
		8/18/2020	23.71	7.52	39	0.168	5.77	15.00	
		8/19/2020	26.20	7.45	126	0.13	3.92	5.7	
		8/20/2020	24.58	7.52	150	0.135	3.31	13	
		8/21/2020	23.23	7.51	166	0.114	2.92	46.6	
		8/22/2020	25.05	7.27	121	0.123	4.34	9.5	
		8/27/2020	27.40	7.47	186	0.147	3.89	1.3	
		9/1/2020	28.48	7.65	175	0.135	3.7	11.9	x
		9/2/2020	31.39	8.09	152	0.115	4.95	22.4	x
		9/3/2020	29.03	7.55	176	0.123	4.71	6.5	x
		9/10/2020	25.84	7.3	190	0.127	2.97	17.9	
		9/17/2020	25.13	7.55	194	0.096	6.76	14.8	
		9/19/2020	23.10	7.31	184	0.104	5.44	11.2	x
		9/24/2020	20.04	7.06	162	0.084	2.8	0	
		9/26/2020	20.60	6.77	170	0.075	7.49	0	x
		10/1/2020	19.57	7.16	168	0.094	2.53	20.1	
		10/7/2020	18.23	6.18	297	0.195	5.94	0	
		10/12/2020	21.52	6.61	223	0.072	4.98	177	x
		10/22/2020	19.07	6.77	215	0.09	2.44	7.3	
		10/31/2020	15.83	7.41	218	0.088	8.67	77.6	
		11/5/2020	17.29	7	174	0.063	5.78	45.6	
		11/13/2020	19.09	6.67	260	0.029	11.36	208	x
		11/19/2020	10.99	6.57	186	0.077	7.95	72.2	
		12/1/2020	11.60	6.98	90.2	0.13	9.21	32	x
		12/17/2020	9.30	7	146	0.126	10.07	28.2	x
		12/30/2020	7.00	6.69	95.9	0.138	81.2	22.9	
		1/14/2021	10.10	7.18	153.2	0.153	16.32	13.1	
		1/27/2021	11.80	7.31	151.7	0.153	14.8	17.3	x
		2/12/2021	6.90	7	187.3	0.131	12	27.2	x
		2/26/2021	10.50	6.54	234.2	0.161	9.04	39.8	
		3/10/2021	17.20	7.38	177	0.145	14.49	22.8	
		3/19/2021	12.70	7.1	200	0.132	9.02	27.3	x
		3/24/2021	15.80	7.14	152.8	0.145	10.28	23.6	
		3/26/2021	20.10	7.62	185.5	0.12	8.4	46.8	x
		4/7/2021	22.60	7.25	180.7	0.144	9.65	11.1	
		4/21/2021	20.20	7.33	167.3	0.164	10.79	6.54	
		5/5/2021	24.80	7.61	165.8	0.171	7.9	8.12	
		5/20/2021	23.00	7.39	195.8	0.179	13.57	13.21	
		6/3/2021	22.80	7.29	98.2	0.2	11.08	9.53	
		6/9/2021	27.90	7.35	167.1	0.145	9.74	7.08	x
		6/16/2021	24.70	7.54	113.4	0.185	8.53	8.11	
		7/2/2021	28.50	7.69	110.3	0.162	7.89	10.55	
		7/14/2021	27.20	6.88	105.2	0.201	11.53	4.1	
		7/16/2021	31.20	7.38	88.9	0.186	7.74	3.85	x
		7/20/2021	27.30	6.99	122.9	0.154	9.17	7.88	x
		7/28/2021	26.20	6.4	38.6	0.226	1.73	3.67	x
		8/11/2021	24.50	7.19	134.8	0.267	6.66	2.37	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-2	North Prong Clark Creek (Downgradient of leak site)	8/15/2020	24.78	7.68	94	0.142	6.99	90.9	
		8/16/2020	23.59	7.73	110	0.109	7.90	247	
		8/17/2020	23.05	7.72	106	0.099	7.11	324	
		8/18/2020	21.95	7.67	101	0.117	7.75	271	
		8/19/2020	23.05	7.73	128	0.131	6.94	51	
		8/20/2020	22.26	7.74	112	0.117	6.12	55.7	
		8/21/2020	21.87	7.61	128	0.143	3.72	31.8	
		8/22/2020	22.61	7.81	117	0.145	6.73	27.1	
		8/27/2020	24.76	7.77	170	0.149	5.94	15.8	
		9/1/2020	26.13	7.63	165	0.112	4.81	173	x
		9/2/2020	28.20	7.12	0.84	0.089	4.49	321	x
		9/3/2020	26.52	7.41	185	0.095	6.36	226	x
		9/10/2020	24.36	7.8	170	0.137	5.04	386	
		9/17/2020	21.58	7.31	195	0.057	5.63	970	
		9/19/2020	20.44	7.42	180	0.095	5.61	88.1	x
		9/24/2020	17.64	6.97	158	0.089	5	0	
		9/26/2020	19.27	6.44	185	0.066	4.11	206	x
		10/1/2020	18.08	7.2	149	0.102	9.6	230	
		10/7/2020	16.76	6.51	275	0.177	7.06	0	
		10/12/2020	20.80	6.68	244	0.063	6.43	444	x
		10/22/2020	16.60	ORWQM	219	0.1	3.82	361	
		10/31/2020	13.76	7.33	223	0.093	7.15	156	
		11/5/2020	16.51	6.91	174	0.074	5.77	152	
		11/13/2020	18.21	6.55	-----	0.028	6.43	332	x
		11/19/2020	8.80	6.2	196	0.069	4.05	218	
		12/1/2020	10.20	6.77	91.1	0.126	9.37	68.4	x
		12/17/2020	9.30	6.96	147	0.12	20.65	59.1	x
		12/30/2020	6.80	6.74	113.5	0.155	11.21	17	
		1/14/2021	9.50	7.45	153.5	0.161	13.81	13.8	
		1/27/2021	11.70	7.21	156.3	0.13	12.73	85.4	x
		2/12/2021	6.70	7.04	185.1	0.119	17.05	61.8	x
		2/26/2021	10.50	6.79	239.6	0.14	9.89	36.5	
		3/10/2021	17.50	7.85	153.5	0.161	13.23	12.59	
		3/19/2021	11.90	6.76	209.8	0.105	8.07	65.8	x
		3/24/2021	15.20	7.35	158.8	0.149	9.12	36	
		3/26/2021	19.90	7.09	168.7	0.107	9.34	68.1	x
		4/7/2021	21.70	7.52	164.4	0.163	13.99	12.78	
		4/21/2021	18.70	7.6	172.6	0.183	9.1	3.9	
		5/5/2021	21.60	7.52	143.8	0.165	8.96	19.8	
		5/20/2021	21.10	7.7	184.4	0.194	13.04	6.52	
		6/3/2021	21.50	7.81	97	0.211	12.01	5.01	
		6/9/2021	25.20	7.47	151.8	0.132	9.76	71.4	x
		6/16/2021	22.50	7.53	122.7	0.2	10.33	11.24	
		7/2/2021	25.80	6.88	127.6	0.119	7.74	153	
		7/14/2021	26.20	6.96	122.9	0.214	10.26	10.6	
		7/16/2021	28.40	7.33	98.1	0.165	8.84	80.8	x
		7/20/2021	25.10	6.56	134.1	0.137	11.09	88.6	x
		7/28/2021	25.10	7.54	113.5	0.182	3.49	23.5	x
		8/11/2021	23.20	7.39	147.3	0.211	8.53	5.84	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

**Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident**

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-3	South Prong Clark Creek (Downgradient of the leak site)	8/15/2020	25.04	7.65	109	0.113	7.17	224	
		8/16/2020	22.52	7.54	123	0.099	7.67	250	
		8/17/2020	22.66	7.64	125	0.131	7.76	248	
		8/18/2020	20.10	7.68	111	0.151	7.65	198	
		8/19/2020	22.98	7.66	147	0.166	6.02	27.3	
		8/20/2020	21.92	7.8	99	0.176	5.37	20.9	
		8/21/2020	21.40	7.64	128	0.16	3.79	94.2	
		8/22/2020	22.26	7.88	113	0.154	6.66	35.5	
		8/27/2020	24.99	7.83	162	0.187	6	8.2	
		9/1/2020	25.34	7.61	162	0.105	5.81	141	x
		9/2/2020	27.13	7.12	176	0.071	4.52	238	x
		9/3/2020	25.18	7.38	158	0.100	5.4	98.5	x
		9/10/2020	24.46	7.67	177	0.18	6.11	30.9	
		9/17/2020	21.41	7.29	190	0.087	6.67	ORWQM	
		9/19/2020	19.90	7.41	177	0.107	5.95	50.1	x
		9/24/2020	16.97	7.14	149	0.126	12.27	0	
		9/26/2020	18.52	6.4	195	0.066	9.22	187	x
		10/1/2020	17.16	7.32	144	0.125	3.33	244	
		10/7/2020	15.77	6.68	272	0.23	9.85	0	
		10/12/2020	21.09	6.57	252	0.068	6.17	420	x
		10/22/2020	16.54	6.69	199	0.158	5.84	3.5	
		10/31/2020	12.55	7.47	200	0.107	9.87	164	
		11/5/2020	16.33	6.99	143	0.095	5.99	50.6	
		11/13/2020	17.53	6.79	226	0.03	6.27	429	x
		11/19/2020	8.58	6.65	151	0.121	7.61	62	
		12/1/2020	11.00	6.95	154.6	0.145	10.57	52.8	x
		12/17/2020	9.00	6.87	231.4	0.153	11.46	54.8	x
		12/30/2020	6.90	6.92	52.1	0.176	10.69	14.8	
		1/14/2021	10.00	7.34	144.1	0.18	12.69	12.9	
		1/27/2021	11.60	7.27	186.7	0.127	16.64	89.3	x
		2/12/2021	6.60	7.1	175.4	0.112	13.41	60	x
		2/26/2021	10.10	6.9	234.6	0.163	11.11	21.7	
		3/10/2021	17.80	7.35	140.5	12.28	0.191	12.01	
		3/19/2021	11.50	6.81	196.7	0.082	8.91	86.6	x
		3/24/2021	15.30	7.33	139.2	0.174	9.19	18.3	
		3/26/2021	20.00	7.06	181	0.093	9.64	71.3	x
		4/7/2021	21.80	7.44	148.1	0.192	12.44	15.6	
		4/21/2021	18.40	7.46	121	0.225	12.46	8.44	
		5/5/2021	21.30	7.39	169.7	0.159	8.82	35.7	
		5/20/2021	21.90	7.71	169.8	0.235	8.69	10.59	
		6/3/2021	22.10	7.75	88.5	0.26	12.96	8.54	
		6/9/2021	25.30	7.05	158	0.114	9.22	81.3	x
		6/16/2021	24.20	7.3	127.1	0.255	8.3	7.68	
		7/2/2021	23.60	6.69	132.3	0.112	11.38	63.9	
		7/14/2021	25.30	7.03	214.7	0.263	14.23	14.28	
		7/16/2021	27.60	7.22	102.2	0.163	9.95	105.6	x
		7/20/2021	24.40	6.45	145.9	0.14	11.63	72	x
		7/28/2021	25.10	7.58	99.8	0.222	3.87	78.6	x
		8/11/2021	23.50	7.39	140	0.24	9.52	4.81	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-4	Clarke Creek (Downgradient of North/South Prong Clark Creek confluence)	8/15/2020	25.06	7.7	108	0.124	8.00	168	
		8/16/2020	22.85	7.62	96	0.099	7.32	299	
		8/17/2020	23.03	7.55	87	0.127	8.00	125	
		8/18/2020	20.96	7.60	106	0.129	7.07	96.7	
		8/19/2020	23.79	7.63	145	0.147	6.66	29.3	
		8/20/2020	22.41	7.77	90	0.155	4.98	22.5	
		8/21/2020	21.74	7.69	114	0.163	6.17	40.2	
		8/22/2020	22.20	7.9	102	0.14	7.59	42	
		8/27/2020	25.56	7.71	187	0.172	6.01	7.6	
		9/1/2020	25.61	7.43	138	0.116	5.73	58	x
		9/2/2020	27.75	6.75	187	0.078	4.97	278	x
		9/3/2020	25.69	6.86	165	0.103	4.16	131	x
		9/10/2020	24.07	7.44	173	0.153	6.45	23.9	
		9/17/2020	21.04	7.2	183	0.127	5.82	886	
		9/19/2020	20.06	7.23	156	0.103	7.04	71.7	x
		9/24/2020	17.01	6.51	174	0.108	8.9	0	
		9/26/2020	18.63	6.12	187	0.067	9.09	215	x
		10/1/2020	16.78	6.64	180	0.116	7.32	41	
		10/7/2020	21.92	7.01	195	0.203	4.92	0	
		10/12/2020	21.05	6.28	269	0.067	6.08	432	x
		10/22/2020	16.12	6.16	240	0.13	8.86	69.2	
		10/31/2020	12.21	7.35	184	0.098	4.04	168	
		11/5/2020	18.22	6.82	170	0.085	7	54.1	
		11/13/2020	17.44	6.57	245	0.028	9.01	442	x
		11/19/2020	8.61	6.08	191	0.106	7.61	113	
		12/1/2020	11.00	6.97	167.9	0.182	8.32	68	x
		12/17/2020	9.20	6.88	262.4	0.127	14.08	55.3	x
		12/30/2020	6.90	7.01	115.5	0.167	11.01	16.1	
		1/14/2021	10.00	7.55	151.1	0.174	11.48	14.04	
		1/27/2021	10.60	7.27	195.1	0.131	11.48	86.3	x
		2/12/2021	5.90	7.14	186.7	0.115	13.3	58.1	x
		2/26/2021	9.70	7.07	269.1	0.155	11.26	27.1	
		3/10/2021	17.40	7.56	178.2	0.182	11.74	10.97	
		3/19/2021	11.50	6.94	218.4	0.092	9.85	80.3	x
		3/24/2021	15.90	7.45	160.9	0.165	10.63	27.6	
		3/26/2021	20.40	6.94	179.9	0.095	9.69	75.1	x
		4/7/2021	22.10	7.47	183.1	0.179	11.97	22.1	
		4/21/2021	19.10	7.51	174	0.221	9.83	6.36	
		5/5/2021	22.00	7.63	147.2	0.177	11.72	25.3	
		5/20/2021	22.20	7.79	188.8	0.231	9.54	7.22	
		6/3/2021	22.60	7.83	93.9	0.264	12.11	4.57	
		6/9/2021	25.40	7.2	181.6	0.122	8.61	66.9	x
		6/16/2021	23.10	7.77	124.2	0.22	10.26	9.08	
		7/2/2021	24.10	6.99	128.6	0.102	7.27	108	
		7/14/2021	26.30	7.18	100.5	0.22	13.52	12.6	
		7/16/2021	27.20	7.25	168.3	0.147	10.07	102.8	x
		7/20/2021	24.50	6.71	139	0.139	11.14	91.7	x
		7/28/2021	25.80	6.77	136.4	0.176	2.36	122	x
		8/11/2021	24.60	7.25	141.8	0.201	8.3	16.6	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-5	Ramah Creek (Upgradient of SW-6)	8/15/2020	25.44	7.49	51	0.156	6.92	14.3	
		8/16/2020	23.57	7.59	55	0.123	8.70	16.6	
		8/17/2020	22.57	7.42	62	0.144	5.81	24.3	
		8/18/2020	20.28	7.54	37	0.142	7.87	0.00	
		8/19/2020	23.98	7.75	136	0.151	6.72	51.1	
		8/20/2020	22.06	7.77	86	0.151	6.04	0	
		8/21/2020	21.73	7.74	109	0.149	5.3	39.1	
		8/22/2020	22.29	7.77	73	0.137	7.38	21.6	
		8/27/2020	26.12	7.59	177	0.159	5.29	8.9	
		9/1/2020	25.13	7.29	120	0.108	5.47	858	x
		9/2/2020	27.51	6.59	151	0.073	4.48	233	x
		9/3/2020	24.87	5.99	213	0.100	4.02	217	x
		9/10/2020	23.80	7.4	173	0.15	5.96	10	
		9/17/2020	21.28	7.05	191	0.102	4.96	505	
		9/19/2020	20.82	6.96	149	0.1	6.16	98.8	x
		9/24/2020	17.04	6.69	183	0.101	4.22	0	
		9/26/2020	18.34	6.1	194	0.064	6.05	271	x
		10/1/2020	17.16	6.87	136	0.11	4.82	9.7	
		10/7/2020	22.65	7.06	133	0.176	6.12	0.3	
		10/12/2020	20.35	6.03	282	0.057	3.15	389	x
		10/22/2020	16.03	6.37	225	0.119	7.43	14.1	
		10/31/2020	12.23	6.45	240	0.102	6.47	297	
		11/5/2020	17.06	6.68	170	0.08	7.56	54.2	
		11/13/2020	17.11	6.4	250	0.026	6.39	314	x
		11/19/2020	7.94	5.89	189	0.091	5.44	136	
		12/1/2020	11.00	6.69	184.3	0.137	8.17	60.7	x
		12/17/2020	8.70	6.62	235.2	0.115	12.8	61.3	x
		12/30/2020	6.90	7.08	80.9	0.143	12.34	14.9	
		1/14/2021	10.60	7.42	126.2	0.144	13.11	13.9	
		1/27/2021	10.50	7.12	186.9	0.115	14.76	64.7	x
		2/12/2021	6.20	7.01	179	0.102	17.02	36.5	x
		2/26/2021	9.80	7.02	269.5	0.115	10.26	42.1	
		3/10/2021	18.20	7.46	176.3	0.151	12.61	12	
		3/19/2021	11.60	6.92	207.5	0.075	12.93	93.2	x
		3/24/2021	16.20	7.4	157.5	0.135	8.13	19.4	
		3/26/2021	19.90	6.83	192.1	0.075	8.89	94.5	x
		4/7/2021	24.00	7.36	180.2	0.146	9.52	29.8	
		4/21/2021	19.60	6.92	131.8	0.137	9.86	80.9	
		5/5/2021	23.30	7.6	168.8	0.161	11.4	19.1	
		5/20/2021	24.50	7.72	186.6	0.192	12.15	9.34	
		6/3/2021	24.60	7.59	106.3	0.186	9.75	11.62	
		6/9/2021	27.30	7.31	160.8	0.169	8.74	259	x
		6/16/2021	25.50	7.8	156.3	0.201	10.57	8.01	
		7/2/2021	22.80	6.11	170.9	0.097	8.3	ORWQM	
		7/14/2021	28.40	7.32	80	0.212	12.79	13	
		7/16/2021	28.30	6.92	116.2	0.18	9.22	106.8	x
		7/20/2021	24.50	6.6	176.2	0.116	10.88	143	x
		7/28/2021	27.90	7.03	107.9	0.191	2.25	35.4	x
		8/11/2021	27.30	7.15	162.1	0.213	8.38	3.13	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

**Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident**

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-6	Clarke Creek (Downgradient of Ramah Creek confluence)	8/15/2020	25.97	7.56	109	0.131	6.50	20.7	
		8/16/2020	24.06	7.13	125	0.107	4.42	122	
		8/17/2020	24.06	7.64	124	0.139	7.38	71.3	
		8/18/2020	21.92	7.49	110	0.136	7.03	52.4	
		8/19/2020	23.21	7.56	127	0.142	7.7	23	
		8/20/2020	22.42	7.79	126	0.151	6.38	17	
		8/21/2020	22.09	7.56	131	0.14	5.55	15.7	
		8/22/2020	22.52	7.69	113	0.138	6.03	28	
		8/27/2020	25.02	7.64	228	0.17	5.32	3.8	
		9/1/2020	26.00	7.19	156	0.151	5.08	103	x
		9/2/2020	27.23	6.34	224	0.058	2.51	389	x
		9/3/2020	25.38	6.57	202	0.057	4.38	135	x
		9/10/2020	24.48	7.02	211	0.16	4.93	18.7	
		9/17/2020	21.66	6.76	225	0.133	5.51	39	
		9/19/2020	21.06	6.82	279	0.111	5.53	57.5	x
		9/24/2020	17.19	6.67	195	0.108	10	21.4	
		9/26/2020	19.04	6.22	207	0.052	9.75	102	x
		10/1/2020	17.17	6.84	179	0.119	7.72	19.5	
		10/7/2020	22.00	7.1	186	0.207	6.05	0.5	
		10/12/2020	20.95	5.72	291	0.046	1.35	515	x
		10/22/2020	15.92	6.48	245	0.136	2.87	20.9	
		10/31/2020	13.23	6.72	256	0.108	3.45	209	
		11/5/2020	15.77	6.54	208	0.069	8.21	116	
		11/13/2020	18.17	6.3	259	0.02	7.7	410	x
		11/19/2020	7.62	6.09	204	0.11	8.15	106	
		12/1/2020	10.00	6.48	204.6	0.135	5.65	46	x
		12/17/2020	7.60	6.04	288	0.189	15	57.1	x
		12/30/2020	6.20	6.8	36	0.185	10.04	21.7	
		1/14/2021	9.90	7.2	110.6	0.174	12.44	16.9	
		1/27/2021	9.70	6.88	223.1	0.123	16.67	74.1	x
		2/12/2021	6.10	6.94	185.2	0.125	16.57	33.6	x
		2/26/2021	9.60	6.86	278.3	0.143	11.38	28.9	
		3/10/2021	16.90	7.09	99.1	0.194	12.37	17.5	
		3/19/2021	11.70	6.7	221.4	0.081	9.31	98.4	x
		3/24/2021	16.40	7.3	194.6	0.154	10.37	23.5	
		3/26/2021	17.60	6.68	210.3	0.062	10.48	126	x
		4/7/2021	22.20	7.02	186	0.161	12.07	18.6	
		4/21/2021	19.90	7.12	167.2	0.201	10.29	21.2	
		5/5/2021	22.50	7.4	155.8	0.171	6.68	24	
		5/20/2021	24.40	7.63	187.5	0.215	8.64	8.01	
		6/3/2021	24.00	7.68	111.4	0.23	10.46	8.29	
		6/9/2021	26.50	7.13	189.9	0.125	10.07	94.4	x
		6/16/2021	25.30	7.6	135.1	0.214	9.09	7.89	
		7/2/2021	23.30	6.19	171.6	0.094	7.75	840	
		7/14/2021	27.00	7.26	113	0.22	11.09	18.7	
		7/16/2021	28.20	6.43	141	0.161	7.54	78.5	x
		7/20/2021	24.40	5.93	198.8	0.096	7.2	63	x
		7/28/2021	27.60	6.95	115.2	0.181	2.14	83.9	x
		8/11/2021	26.60	7.62	141.9	0.21	7.73	13	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-7	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.81	7.56	132	0.175	6.65	45.5	
		8/16/2020	23.98	7.33	127	0.103	6.02	254	
		8/17/2020	25.00	7.76	101	0.122	6.89	102	
		8/18/2020	22.22	7.54	114	0.16	7.15	71.7	
		8/19/2020	22.89	7.63	118	0.181	6.39	41.5	
		8/20/2020	22.67	7.75	145	0.179	6.02	33.5	
		8/21/2020	22.54	7.57	141	0.191	6.08	49	
		8/22/2020	22.66	7.65	124	0.161	6.11	52.9	
		8/27/2020	25.42	7.88	247	0.24	5.61	25	
		9/1/2020	25.66	7.00	183	0.106	4.72	197	x
		9/2/2020	31.26	4.96	338	2.28	6.15	163	x
		9/3/2020	26.12	5.81	312	0.134	3.51	108	x
		9/10/2020	24.39	6.19	303	0.216	6.02	26.6	
		9/17/2020	21.81	5.93	287	0.21	6.37	138	
		9/19/2020	21.22	6.65	335	0.127	6.16	43.2	x
		9/24/2020	17.50	6.06	194	0.161	5.4	10	
		9/26/2020	18.85	5.67	200	0.088	10.57	189	x
		10/1/2020	16.43	6.08	217	0.133	6.35	57.9	
		10/7/2020	23.92	6.96	207	0.242	5.45	6.8	
		10/12/2020	20.01	5.03	309	0.134	2.07	410	x
		10/22/2020	17.12	6.06	265	0.174	3.81	22.5	
		10/31/2020	13.82	6.15	256	0.124	0.44	167	
		11/5/2020	18.47	5.99	209	0.136	6.17	64.1	
		11/13/2020	18.16	6.03	263	0.037	2.5	357	x
		11/19/2020	8.09	5.78	271	0.145	3.81	105	
		12/1/2020	11.60	6.5	234.2	0.018	10.51	70.3	x
		12/17/2020	10.60	3.96	202.9	0.01	12.56	64.7	x
		12/30/2020	6.70	7.02	86.5	0.192	10.4	18.3	
		1/14/2021	10.00	7.47	116	0.202	14.41	18.3	
		1/27/2021	9.50	6.75	243.3	0.15	12.84	64.8	x
		2/12/2021	6.90	7.12	193.6	0.134	12.26	53.7	x
		2/26/2021	10.00	7.11	283.9	0.175	10.25	19.5	
		3/10/2021	16.70	7.63	164.1	0.203	15.78	12.28	
		3/19/2021	13.00	7.09	204	0.099	8.75	98.6	x
		3/24/2021	17.20	7.44	192.4	0.189	12.37	17	
		3/26/2021	18.90	6.69	203.7	0.073	9.35	138	x
		4/7/2021	21.40	7.31	197.1	0.201	10.56	15.7	
		4/21/2021	20.20	7.59	163.9	0.234	10.8	11.56	
		5/5/2021	22.90	7.56	181.9	0.18	10.66	18.9	
		5/20/2021	24.70	7.67	170.6	0.259	9.86	12.5	
		6/3/2021	24.20	7.82	99	0.284	11.15	12.3	
		6/9/2021	25.50	7.34	183.5	0.283	7.46	50.2	x
		6/16/2021	25.30	7.74	173.6	0.287	10.4	13.95	
		7/2/2021	24.20	6.58	161.9	0.179	6.57	81.7	
		7/14/2021	28.70	7.53	97.9	0.315	11.19	14.15	
		7/16/2021	28.80	7.03	153.3	0.263	9.96	42.9	x
		7/20/2021	24.80	6.41	172.1	0.154	10.15	71.4	x
		7/28/2021	27.60	6.87	120.7	0.215	2.22	43	x
		8/11/2021	27.30	7.13	181.4	0.331	8.2	5.48	

Note:

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**Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident**

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-8	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.72	7.65	105	0.164	7.71	56.4	
		8/16/2020	24.19	7.47	136	0.098	6.34	280	
		8/17/2020	25.66	7.84	134	0.189	6.88	15.5	
		8/18/2020	22.44	7.60	105	0.15	6.9	73.3	
		8/19/2020	23.05	7.58	130	0.171	5.34	43.5	
		8/20/2020	22.77	7.68	178	0.168	3.6	50.4	
		8/21/2020	22.73	7.53	127	0.193	5.7	33.5	
		8/22/2020	22.72	7.72	115	0.145	6.5	60.1	
SW-9	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.27	7.57	126	0.165	5.61	93.1	
		8/16/2020	23.83	7.49	125	0.087	4.11	332	
		8/17/2020	23.01	7.40	98	0.117	6.77	101	
		8/18/2020	23.12	7.60	140	0.135	6.47	72.2	
		8/19/2020	23.31	7.33	136	0.161	5.9	34.1	
		8/20/2020	23.45	7.45	203	0.139	5.34	40.1	
		8/21/2020	23.43	7.33	126	0.168	4.86	23.5	
		8/22/2020	22.99	7.55	131	0.156	6.24	109	
SW-10	Rocky River (Downgradient of Clarke River confluence)	8/15/2020	25.44	7.56	127	0.169	6.18	77.7	
		8/16/2020	24.14	7.34	125	0.091	5.39	459	
		8/17/2020	23.15	7.31	113	0.134	6.16	115	
		8/18/2020	23.52	7.62	142	0.158	6.36	154	
		8/19/2020	23.54	7.2	147	0.191	5.46	3.89	
		8/20/2020	23.1	7.45	158	0.112	5.62	219	
		8/21/2020	23.61	7.2	152	0.124	4.95	35.1	
		8/22/2020	23.39	7.53	128	0.163	5.43	62.3	
SW-11	Rocky River (Downgradient of Mallard Creek)	8/15/2020	25.01	7.60	125	0.155	7.15	143	
		8/16/2020	24.24	7.02	153	0.086	5.33	466	
		8/17/2020	23.20	7.3	128	0.112	6.82	144	
		8/18/2020	23.6	7.59	121	0.143	6.36	90.5	
		8/19/2020	23.4	7.11	191	0.151	4.2	105	
		8/20/2020	23.06	7.55	201	0.098	5.05	359	
		8/21/2020	23.33	6.88	198	0.143	3.67	48.9	
		8/22/2020	23.28	7.58	124	0.139	6.29	55.6	
SW-12	Rocky River (Downgradient of Back Creek)	8/15/2020	25.03	7.61	130	0.159	6.98	157	
		8/16/2020	24.22	7.22	150	0.091	6.01	433	
		8/17/2020	23.10	7.45	121	0.105	6.74	152	
		8/18/2020	23.73	7.73	120	0.141	7.07	117	
		8/19/2020	23.31	6.9	226	0.153	5.45	56.8	
		8/20/2020	23.12	7.72	119	0.096	5.83	565	
		8/21/2020	23.36	6.38	266	0.138	4.66	51.3	
		8/22/2020	23.27	7.74	124	0.148	6.11	93.7	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-Seep	Downgradient of Spill Location	9/1/2020	25.73	5.6	76	0.13	1.2	228	x
		9/2/2020	28.17	7.13	171	0.121	2.95	6.97	x
		9/3/2020	31.55	6.24	183	0.113	4.99	516	x
		9/10/2020	25.85	7.16	114	0.12	6.24	188	
		9/17/2020	22.23	7.3	108	0.098	5.81	566	
		9/19/2020	22.30	5.66	132	0.082	0	190	x
		9/24/2020	20.94	7.02	168	0.03	2.31	336	
		9/26/2020	20.81	6.55	157	0.063	3.79	645	x
		10/1/2020	31.28	6.27	64	0.066	3.98	0	
		10/7/2020	20.20	5.97	179	0.109	6.35	24.9	
		10/12/2020	23.51	6.06	225	0.098	3.94	98	x
		10/22/2020	21.86	6.17	55	0.113	8.47	728	
		10/31/2020	18.52	6.65	131	0.076	9.83	373	
		11/5/2020	19.86	6.78	138	0.048	6.09	86.5	
		11/13/2020	18.24	6.62	147	0.037	7.97	704	x
		11/19/2020	14.36	6.35	99	0.07	253	649	
		12/1/2020	13.50	5.89	116.3	0.128	7.93	18.5	x
		12/17/2020	11.10	5.86	229.5	0.136	7.3	19.8	x
		12/30/2020	7.80	5.95	228.2	0.149	9.87	11.25	
		1/14/2021	8.40	6.64	164	0.164	11.45	9.2	
		1/27/2021	12.10	6.74	133.3	0.148	19.2	13.06	x
		2/12/2021	5.90	6.3	205.3	0.138	11.91	49.5	x
		2/26/2021	9.50	5.15	302.9	0.105	7.85	11.52	
		3/10/2021	12.90	6.71	216.2	0.098	14.29	22.2	
		3/19/2021	11.20	6.4	197.5	0.1	7.58	43.5	x
		3/24/2021	14.90	5.78	230.6	0.102	5.1	12.9	
		3/26/2021	18.10	6.2	202.5	0.087	10.2	28.9	x
		4/7/2021	19.30	6.16	213.3	0.96	9.2	18.4	
		4/21/2021	20.00	5.94	157.6	0.103	8.89	24.8	
		5/5/2021	21.80	6.76	143.3	0.117	5.22	60.5	
		5/20/2021	26.80	6.23	204.1	0.132	10.32	45.3	
		6/3/2021	23.80	6.57	133.2	0.125	9.21	39.5	
		6/9/2021	29.90	6.01	207.7	0.163	8.96	122	x
		6/16/2021	24.80	7.54	140.1	0.127	9.42	36.9	
		7/2/2021	25.60	5.99	154.3	0.118	10.13	280	
		7/14/2021	31.00	7.31	136	0.143	11.91	61.1	
		7/16/2021	28.50	5.49	172	0.128	11.43	98.9	x
		7/20/2021	25.70	5.5	171.6	0.124	9.2	50	x
		7/28/2021	25.50	5.33	206.6	0.121	4.17	47.1	x
		8/11/2021	27.90	5.83	196.8	0.126	8.4	46.7	
SW-Confluence	Downgradient of Spill Location	9/1/2020	23.88	6.46	59	0.225	2.75	618	x
		9/2/2020	28.91	7.69	177	0.13	6.51	156	x
		9/3/2020	28.58	7.16	148	0.249	7.1	245	x
		9/10/2020	23.89	6.46	19	0.279	1.27	159	
		9/17/2020	22.36	7.45	176	0.123	6.45	59.2	
		9/19/2020	20.62	7.58	131	0.116	4.93	86.7	x
		9/24/2020	18.59	6.13	188	0.165	10.93	234	
		9/26/2020	20.36	6.86	151	0.086	2.3	2.03	x
		10/1/2020	18.98	6.55	88	0.14	1.89	358	
		10/7/2020	21.56	6.36	143	0.279	5	29.2	
		10/12/2020	23.52	6.26	218	0.114	8.4	262	x
		10/22/2020	20.08	6.59	161	0.242	9.1	704	
		10/31/2020	12.46	7.37	162	0.109	4.72	245	
		11/5/2020	17.09	6.41	156	0.084	4.99	202	
		11/13/2020	18.39	6.33	234	0.052	8.29	991	x
		11/19/2020	11.00	6.86	96	0.175	9.43	541	
		12/1/2020	10.60	6.44	61.7	0.165	9.91	26.8	x
		12/17/2020	9.10	6.6	128.6	0.146	10.07	16.5	x
		12/30/2020	5.80	6.05	130.7	0.164	10	9.5	
		1/14/2021	9.70	6.42	219.4	0.11	11.25	11.85	
		1/27/2021	13.90	6.24	196.9	0.106	13.48	15.7	x
		2/12/2021	6.30	5.6	238	0.185	11.57	56.6	x
		2/26/2021	9.50	5.43	235.4	0.132	9.88	16.8	
		3/10/2021	14.20	7.14	115.4	0.26	9.58	10.28	
		3/19/2021	11.70	6.71	186	0.116	9.21	42.3	x
		3/24/2021	14.50	6.31	164.6	0.179	8.45	18.7	
		3/26/2021	18.00	6.69	196.3	0.129	10.13	33.6	x
		4/7/2021	19.10	6.53	138	0.187	10.67	13.9	
		4/21/2021	18.80	6.48	119	0.293	9.27	16.7	
		5/5/2021	21.80	6.88	93.6	0.293	8.07	29.4	
		5/20/2021	25.40	6.53	140.3	0.392	9.12	33.9	
		6/3/2021	21.60	6.6	135.8	0.496	9.6	56.2	
		6/9/2021	28.70	6.17	216.6	0.308	5.86	120	x
		6/16/2021	24.50	6.89	171.9	0.445	10.5	103	
		7/2/2021	23.90	5.91	121.3	0.194	10.69	44.2	
		7/14/2021	26.50	6.16	161	0.153	8.91	75.4	
		7/16/2021	28.40	6.26	104.4	0.438	8.02	20	x
		7/20/2021	24.00	5.93	145.4	0.215	9.17	28.2	x
		7/28/2021	23.00	6.5	96.2	0.436	4.52	12.75	x
		8/11/2021	24.80	5.9	139.6	0.497	8.47	44.9	

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

Table 2. Surface Water General Parameter Measurements
2020-L1-SR2448 Incident

Location ID	Description	Date	Temperature (°C)	pH (STU)	ORP (mV)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Rain Event
SW-Seep 2	Downgradient of SW-Seep Location	3/10/2021	13	7.01	121	0.23	9.16	2.64	
		3/19/2021	12	7.01	208.7	0.291	8.11	18.7	x
		3/24/2021	14.6	6.57	157.7	0.225	6.91	3.01	
		3/26/2021	18.31	6.74	170.5	0.219	9.95	15.4	x
		4/7/2021	18.9	6.84	138.9	0.232	9.5	4.6	
		4/21/2021	19.8	6.65	121.4	0.234	7.93	3.8	
		5/5/2021	21.7	7.11	140.6	0.282	9.46	8.86	
		5/20/2021	26.1	7.2	75.1	0.286	8.89	13.3	
		6/3/2021	21.9	7.38	30.8	0.237	10.23	11.3	
		6/9/2021	26.10	6.62	187.9	0.201	9.4	63	x
		6/16/2021	22.80	6.6	125.7	0.242	9.81	20	
		7/2/2021	22.70	6.1	123.1	0.218	9.27	26.2	
		7/14/2021	26.00	6.45	138.1	0.258	12.27	69.8	
		7/16/2021	27.90	6.62	121.6	0.262	9.5	25.9	x
		7/20/2021	23.20	6.66	86.1	0.25	9.94	9.33	x
		7/28/2021	26.50	6.73	161.3	0.234	4	37.8	x
		8/11/2021	23.80	6.18	121.6	0.232	10.23	9.69	
SW-Confluence 2	Downgradient of SW-Confluence Location	3/10/2021	13.2	7.34	107.6	0.228	8.14	18	
		3/19/2021	11.8	6.92	176.1	0.17	7.17	39.9	x
		3/24/2021	14.8	6.85	108.9	0.245	7.3	6.55	
		3/26/2021	17.95	6.97	157.3	0.183	10.21	21	x
		4/7/2021	19.1	7.1	122.7	0.269	9.37	13.7	
		4/21/2021	19.3	6.97	91	0.28	10.21	13.3	
		5/5/2021	21.6	7.04	75.5	0.288	7.22	19.9	
		5/20/2021	25.9	7.23	58.4	0.278	10.13	11.9	
		6/3/2021	22.3	7.3	74.4	0.29	8.56	81.9	
		6/9/2021	28.30	6.81	161.1	0.255	5.79	74.1	x
		6/16/2021	24.20	6.63	56.4	0.304	10.4	27.6	
		7/2/2021	23.90	6.45	84.3	0.212	11.01	63.7	
		7/14/2021	30.30	6.98	83	0.307	5.06	35	
		7/16/2021	28.20	6.79	103.2	0.308	8.73	93.3	x
		7/20/2021	24.10	6.48	73.9	0.253	8.3	19.9	x
		7/28/2021	28.50	6.83	167.6	0.28	3.4	32.5	x
		8/11/2021	25.80	6.45	123.1	0.276	9.78	24.9	
SW-G	Downgradient of SW-Confluence 2 Location at Culvert	7/2/2021	24.7	6.09	125.2	0.183	8.8	120	
		7/14/2021	33	7.12	84.8	0.342	8.61	29	
		7/16/2021	28.8	7.54	81.9	0.305	10.61	14.6	x
		7/20/2021	25.60	6.8	75.6	0.237	8.56	17.2	x
		7/28/2021	30.50	6.83	72.6	0.283	2.13	37.9	x
		8/11/2021	27.80	6.72	117.8	0.277	8.5	25.8	

ORWQM Outside of Range on Water Quality Meter
x Rainfall event (Rain > 1"/24h)
Red Text Reading from malfunctioning instrument or noted issues

Note:

Red Text: Malfunction in equipment or missrecorded value

ORWQM: Outside the Range of the Water Quality Meter (over 1000 NTU)

APPENDIX E

COPIES OF BILLS OF LANDING AND WASTE MANIFESTS

Table 1
Summary of Liquids and Soil Removed from Site
(August 15, 2020 - July 31, 2021)

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

Description	Volume on Bills of Lading (Gallons)	Volume from Frac Gauging (Gallons)	Mass on Bills of Lading (Tons)
From Initial Response	--	90,930	--
Frac Tank Gauging Product Through 07/31/2021	--	1,131,650	--
Frac Tank Gauging PCW Through 07/31/2021	--	2,949,293	--
Total Fluids Shipped to STAT Facility for Bulking Through 07/31/2021	1,440,590	--	--
PCW Shipped by Legacy to HCC Through 07/31/2021	274,978	--	--
PCW Shipped by Legacy to Legacy Through 07/31/2021	526,737	--	--
Soil Shipped by Republic Services Through 07/31/2021	--	--	8,678
PCW Shipped by MEI to MEI Through 07/31/2021	370,967	--	--
PCW Shipped by MEI to HCC Through 07/31/2021	20,922	--	--
PCW Shipped by Covanta to Covanta Through 07/31/2021	1,731,490	--	--
Combined Total Liquids Removed Through 07/31/2021 vs. Gauging	4,365,684	4,171,873	--
PCW Shipped to Aaron Oil Through 07/31/2021(1)	182,478	--	--

Notes:

Summary of liquid and solids removed from site through the preceding month.

See Table 2 for summary of shipments to STAT.

See Table 3 for summary of shipments by Legacy to HCC.

See Table 4 for summary of shipments to Legacy.

See Table 5 for summary of soil shipped to Republic Services.

See Table 6 for summary of liquids shipped to Aaron Oil.

See Table 7 for summary of shipments to MEI.

See Table 8 for summary of shipments by MEI to HCC.

See Table 9 for summary of liquids shipped to Covanta.

(1) Liquids shipped to Aaron Oil consist primarily of PCW drilling fluids and do not pass through Frac Tank systems.

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
8/15/2020	5,230	9359	X
8/15/2020	4,300	9360	X
8/15/2020	4,500	9362	X
8/15/2020	4,700	9364	X
8/16/2020	5,500	8753	X
8/16/2020	4,500	8641	X
8/16/2020	4,700	9240	X
8/16/2020	4,500	8752	X
8/16/2020	5,500	9717	X
8/16/2020	5,030	9504	X
8/16/2020	5,010	9503	X
8/16/2020	4,750	9501	X
8/16/2020	5,200	8668	X
8/16/2020	5,178	8642	X
8/16/2020	5,150	9348	X
8/17/2020	4,500	7211	X
8/17/2020	3,230	9509	X
8/17/2020	5,345	9510	X
8/17/2020	4,500	8667	X
8/18/2020	5,460	9719	X
9/4/2020	4,311	9547	X
9/4/2020	2,783	9555	X
9/6/2020	5,279	9556	X
9/6/2020	3,589	9546	X
9/9/2020	4,964	9553	X
9/9/2020	5,264	9554	X
9/11/2020	5,333	9570	X
9/12/2020	4,964	9568	X
9/14/2020	4,797	9567	X
9/14/2020	4,479	9565	X
9/15/2020	5,712	9560	X
9/16/2020	4,908	9561	X
9/18/2020	5,015	9562	X
9/18/2020	4,908	9563	X
9/21/2020	5,375	9572	X
9/21/2020	5,045	9564	X
9/21/2020	5,691	9559	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
9/21/2020	5,045	9571	X
9/22/2020	5,326	9558	X
9/25/2020	5,122	9573	X
9/25/2020	5,121	9574	X
9/25/2020	5,423	15511	X
9/28/2020	5,539	9576	X
9/28/2020	5,606	9575	X
9/30/2020	5,423	9583	X
9/30/2020	5,086	9582	X
10/2/2020	5,516	9581	X
10/2/2020	5,447	9580	X
10/5/2020	5,470	9579	X
10/5/2020	5,149	9589	X
10/6/2020	5,670	9588	X
10/6/2020	5,086	9587	X
10/7/2020	5,043	9586	X
10/8/2020	5,712	9585	X
10/9/2020	5,016	9584	X
10/12/2020	5,516	9578	X
10/12/2020	5,649	9590	X
10/13/2020	5,628	9591	X
10/15/2020	5,606	9592	X
10/16/2020	5,493	9593	X
10/16/2020	5,423	9594	X
10/20/2020	5,562	15506	X
10/20/2020	5,493	15510	X
10/22/2020	5,423	9595	X
10/22/2020	5,606	204	X
10/23/2020	5,649	203	X
10/23/2020	5,691	9596	X
10/26/2020	4,142	9600	X
10/26/2020	5,695	202	X
10/27/2020	5,617	9599	X
10/27/2020	5,695	201	X
10/30/2020	5,448	207	X
10/30/2020	5,492	9597	X
11/2/2020	5,767	206	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
11/2/2020	5,695	205	X
11/2/2020	4,145	9598	X
11/3/2020	5,448	231	X
11/4/2020	5,403	230	X
11/5/2020	5,617	229	X
11/6/2020	5,448	228	X
11/9/2020	5,492	232	X
11/9/2020	5,535	227	X
11/11/2020	5,535	240	X
11/11/2020	5,492	233	X
11/13/2020	5,577	237	X
11/13/2020	5,492	236	X
11/16/2020	5,448	235	X
11/17/2020	5,492	208	X
11/18/2020	5,577	234	X
11/18/2020	5,802	241	X
11/19/2020	5,215	242	X
11/19/2020	5,358	243	X
11/23/2020	5,535	244	X
11/24/2020	5,492	245	X
11/25/2020	5,215	246	X
11/25/2020	5,403	247	X
11/30/2020	5,535	248	X
11/30/2020	5,492	249	X
12/1/2020	5,577	250	X
12/1/2020	5,555	251	X
12/3/2020	5,657	252	X
12/3/2020	5,535	253	X
12/4/2020	5,617	254	X
12/7/2020	5,535	255	X
12/8/2020	5,264	256	X
12/9/2020	5,535	257	X
12/10/2020	5,264	258	X
12/11/2020	5,577	259	X
12/14/2020	5,617	260	X
12/15/2020	5,695	261	X
12/17/2020	5,577	262	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
12/17/2020	5,802	263	X
12/18/2020	5,617	264	X
12/21/2020	5,358	265	X
12/22/2020	5,555	266	X
12/22/2020	5,000	267	X
12/22/2020	5,535	268	X
12/23/2020	5,577	269	X
12/23/2020	5,000	270	X
12/23/2020	5,577	271	X
12/28/2020	5,535	272	X
12/28/2020	5,617	274	X
12/28/2020	5,000	273	X
12/29/2020	5,802	275	X
12/30/2020	5,120	277	X
12/31/2020	5,864	276	X
1/4/2020	5,695	280	X
1/4/2020	5,543	279	X
1/4/2020	5,535	278	X
1/5/2021	5,732	282	X
1/5/2021	4,682	281	X
1/7/2021	5,577	283	X
1/9/2021	5,492	285	X
1/10/2021	5,577	284	X
1/11/2021	5,264	286	X
1/13/2021	5,617	289	X
1/14/2021	5,535	290	X
1/15/2021	4,979	291	X
1/15/2021	5,291	292	X
1/16/2021	5,400	295	X
1/18/2021	5,264	296	X
1/18/2021	5,400	293	X
1/19/2021	5,577	298	X
1/20/2021	5,535	299	X
1/21/2021	5,577	297	X
1/22/2021	5,695	300	X
1/23/2021	5,732	225	X
1/25/2021	5,492	223	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
1/25/2021	5,450	224	X
1/26/2021	5,492	221	X
1/26/2021	5,400	220	X
1/27/2021	5,264	219	X
1/28/2021	5,403	218	X
1/29/2021	4,911	217	X
1/29/2021	5,069	216	X
2/1/2021	5,865	215	X
2/2/2021	5,577	214	X
2/3/2021	5,264	210	X
2/4/2021	4,641	213	X
2/5/2021	5,535	9045	X
2/8/2021	5,535	9055	X
2/8/2021	5,191	9054	X
2/9/2021	5,895	9053	X
2/9/2021	4,825	9052	X
2/10/2021	5,990	9051	X
2/11/2021	3,733	9050	X
2/12/2021	5,577	9049	X
2/15/2021	5,264	9048	X
2/16/2021	5,732	9047	X
2/17/2021	4,000	9059	X
2/17/2021	4,811	222	X
2/18/2021	5,700	9056	X
2/19/2021	5,200	9057	X
2/22/2021	5,767	9077	X
2/22/2021	5,827	9078	X
2/24/2021	5,932	9046	X
2/24/2021	5,921	9076	X
2/25/2021	5,150	9061	X
2/26/2021	5,400	9064	X
2/28/2021	5,000	9062	X
3/2/2021	6,276	9060	X
3/2/2021	5,708	9063	X
3/3/2021	5,932	9065	X
3/6/2021	5,932	9075	X
3/8/2021	5,601	9074	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
3/9/2021	5,687	9072	X
3/10/2021	5,932	9071	X
3/12/2021	5,932	9070	X
3/13/2021	6,048	9069	X
3/15/2021	6,048	9068	X
3/16/2021	6,048	9066	X
3/16/2021	5,400	9067	X
3/17/2021	5,700	9079	X
3/18/2021	5,998	9100	X
3/19/2021	5,998	9098	X
3/19/2021	5,869	9099	X
3/20/2021	6,108	9097	X
3/22/2021	6,048	9095	X
3/22/2021	5,921	9096	X
3/23/2021	5,732	9094	X
3/24/2021	6,100	9093	X
3/25/2021	5,871	9092	X
3/26/2021	6,166	9090	X
3/27/2021	6,048	9091	X
3/29/2021	6,019	9088	X
3/29/2021	6,166	9089	X
3/30/2021	6,048	9087	X
3/31/2021	6,019	9086	X
4/1/2021	5,921	9085	X
4/2/2021	5,921	9084	X
4/3/2021	5,150	9083	X
4/5/2021	6,166	9082	X
4/5/2021	5,500	9081	X
4/6/2021	6,000	9080	X
4/8/2021	6,107	801	X
4/9/2021	6,048	822	X
4/12/2021	6,048	820	X
4/13/2021	5,267	819	X
4/14/2021	5,971	818	X
4/15/2021	5,700	816	X
4/16/2021	6,048	815	X
4/19/2021	5,971	814	X

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

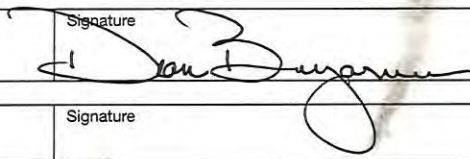
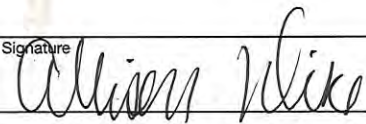
Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
4/20/2021	6,048	813	X
4/21/2021	6,019	812	X
4/22/2021	6,220	811	X
4/23/2021	6,166	810	X
4/24/2021	6,019	809	X
4/26/2021	6,019	808	X
4/27/2021	6,166	807	X
4/28/2021	5,767	806	X
5/3/2021	6,048	803	X
5/4/2021	6,166	802	X
5/5/2021	5,452	823	X
5/7/2021	5,400	825	X
5/10/2021	6,166	827	X
5/11/2021	5,550	828	X
5/12/2021	5,932	805	X
5/17/2021	6,166	832	X
5/18/2021	6,107	833	X
5/19/2021	5,932	834	X
5/20/2021	5,812	835	X
5/21/2021	6,048	836	X
5/24/2021	5,932	837	X
5/25/2021	6,048	838	X
5/29/2021	5,526	839	X
5/31/2021	6,048	840	X
6/1/2021	6,220	841	X
6/4/2021	6,166	842	X
6/7/2021	6,048	843	X
6/8/2021	6,166	844	X
6/14/2021	6,166	845	X
6/15/2021	6,010	846	X
6/21/2021	6,166	847	X
6/25/2021	6,061	8106	X
6/28/2021	5,487	850	X
6/29/2021	5,781	853	X
7/7/2021	5,750	859	
7/9/2021	5,850	860	
7/16/2021	5,624	7742	

Table 2
Summary of Liquids Removed by STAT
(August 15, 2020 - July 31, 2021)

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

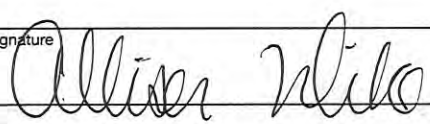
Date	Gallons	Bill of Lading No.	Bill of Lading Previously Provided
7/20/2021	5,386	848	
7/22/2021	6,600	861	
7/27/2021	5,665	863	
Total	1,440,590		

BILL OF LADING

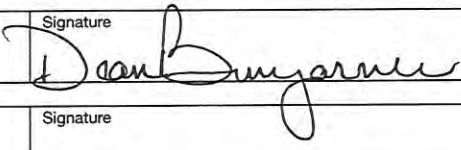
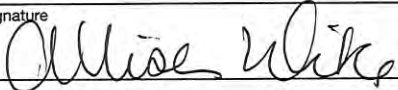
		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00859	
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd. Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451			
5. Carrier STAT, INC.		A. Carrier Phone #			
7. Carrier		D. Carrier Phone			
9. Consignee Name & Address STAT INC. 2550 Hickory Blvd. Lenoir, NC 28645		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. X UN1993 Flammable Liquid N.O.S. (Contains less than 10% gas/water) PG III		01	TT	5750 Est
	b.				G
	c.				
	d.				
G. Additional Descriptions for Materials Listed Above					
USE DOT GUIDE # <u>128</u>					
15. Special Handling Instructions and Additional Information					
16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport					
Printed/Typed Name Adam Harris		Signature 		Date Month Day Year 7 7 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name X DEAN BUNGARNER		Signature 		Date Month Day Year 07 07 21	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name Allison Wike		Signature 		Date Month Day Year 7 7 21	

#426 D

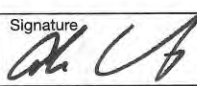
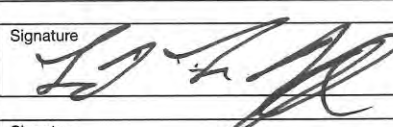
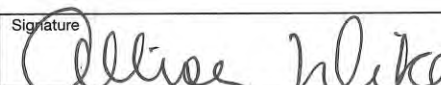
BILL OF LADING

1. 24 Hour Emergency # STAT, INC.		2. BOL # 00860	
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd. Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451	
5. Carrier STAT, INC.		A. Carrier Phone #	
7. Carrier		D. Carrier Phone	
9. Consignee Name & Address STAT INC. 2550 Hickory Blvd. Lenoir, NC 28645		F. Consignee Phone	
HM X	11. Base Description	12. Containers	13. Total Quantity
	a. UN1993 Flammable liquid N.O.S. (Contains less than 10% gasoline/water) PG III	No. 01	Type TT
	b.		EST 5850
	c.		G
	d.		
G. Additional Descriptions for Materials Listed Above USE DOT GUIDE # <u>128</u>			
15. Special Handling Instructions and Additional Information			
16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport			
Printed/Typed Name Danny Wooten	Signature 	Date Month 7 Day 09 Year 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Luther L. Miller	Signature 	Date Month 07 Day 09 Year 21	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year	
19. Discrepancy Indication Space			
20. Consignee			
Printed/Typed Name Allison Wike	Signature 	Date Month 7 Day 9 Year 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC. 800-627-1451		2. BOL # 07742	
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd Huntersville N.C. 28078				4. Shipper's Phone 1-800-627-1451	
5. Carrier STAT, INC.				A. Carrier Phone # (828) 396-2304	
7. Carrier				D. Carrier Phone	
9. Consignee Name & Address STAT, INC. 2550 Hickory Blvd. Lenoir, NC 28645				F. Consignee Phone (828) 396-2304	
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN 1993 Flammable Liquid NOS (contain less than 10% water) PG III		01	TT	Est. 5624
	b.				
	c.				
	d.				
14. Unit Wt/Vol G					
G. Additional Descriptions for Materials Listed Above					
USE DOT GUIDE # 128					
15. Special Handling Instructions and Additional Information					
16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport					
Printed/Typed Name Adam Harris		Signature 		Date Month Day Year 7/16/21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name DEAN BUNGARNER		Signature 		Date Month Day Year 07/16/2021	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name Allison Wike		Signature 		Date Month Day Year 7/16/21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00848	
3. Shipper Name & Address CPL 14108 Huntersville Concord RD Huntersville NC 28078		4. Shipper's Phone 1800.627.1451			
5. Carrier STAT, INC.		A. Carrier Phone #			
7. Carrier		D. Carrier Phone			
9. Consignee Name & Address STAT INC 2550 HICKORY AVE LEWIS NC 28045		F. Consignee Phone			
HM	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UNPPS Flammable Liquid NOS (contains less than 10% gasoline) PG III		01	TT	EST 5386
	c.				
	d.				
G. Additional Descriptions for Materials Listed Above USE DOT GUIDE # <u>128</u>					
15. Special Handling Instructions and Additional Information					
16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport					
Printed/Typed Name Adam Harris		Signature 		Date Month Day Year 7 20 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name X Luther L Heller		Signature 		Date Month Day Year 07 20 21	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name Allison Wike		Signature 		Date Month Day Year 7 20 21	

BILL OF LADING

		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00861	
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd. Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451			
5. Carrier STAT, INC.		A. Carrier Phone #			
7. Carrier		D. Carrier Phone			
9. Consignee Name & Address STAT INC. 2550 Hickory Blvd. Lenoir, N.C. 28645		F. Consignee Phone			
HM X	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN 1493 Flammable Liquid N.D.S. (Contains less than 10% Gasoline/water) PG III		01	TT	EST. 660
	b.				
	c.				
	d.				
14. Unit Wt/Vol G					
G. Additional Descriptions for Materials Listed Above USE DOT GUIDE # <u>128</u>					
15. Special Handling Instructions and Additional Information					
16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport					
Printed/Typed Name EDDIE ANDERSON		Signature <i>Eddie Anderson</i>		Date Month Day Year 7 22 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name X Chris Pritchard		Signature <i>Chris Pritchard</i>		Date Month Day Year 7 22 21	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name Allison Wike		Signature <i>Allison Wike</i>		Date Month Day Year 7 22 21	

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BILL OF LADING

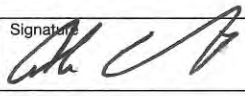
		1. 24 Hour Emergency # STAT, INC.		2. BOL # 00863	
3. Shipper Name & Address CPL 14108 Huntersville Concord Rd. Huntersville, NC 28078		4. Shipper's Phone 1-800-627-1451			
5. Carrier STAT, INC.		A. Carrier Phone #			
7. Carrier		D. Carrier Phone			
9. Consignee Name & Address STAT INC 2650 Hickory Blvd. Lenoir, NC 28645		F. Consignee Phone			
HM X	11. Base Description		12. Containers		13. Total Quantity
			No.	Type	
	a. UN1993 Flammable Liquid N.O.S. (Contains less than 10% gas/water) PG III		01	TT	EST. 5665
	b.				
	c.				
	d.				
G. Additional Descriptions for Materials Listed Above					
USE DOT GUIDE # <u>128</u>					
15. Special Handling Instructions and Additional Information					
16. Shipper: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport					
Printed/Typed Name Adam Harris		Signature 		Date Month Day Year 7 27 21	
17. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name Richard L Haigner		Signature 		Date Month Day Year Jul 27 2021	
18. Carrier Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Consignee					
Printed/Typed Name Garry Sparks		Signature 		Date Month Day Year Jul 27 2021	

Table 3
Summary of Liquids Shipped to HCC
(December 21, 2021 - July 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
12/21/2020	5,490	10547	X
12/21/2020	4,792	10508	X
12/28/2020	3,200	8937	X
12/28/2020	5,500	8938	X
12/31/2020	4,545	10536	X
1/3/2021	5,500	10553	X
1/3/2021	5,906	10554	X
1/4/2021	3,400	10552	X
1/4/2021	4,100	11002	X
1/5/2021	5,906	11000	X
1/5/2021	2,800	11001	X
1/6/2021	2,699	10551	X
1/7/2021	4,545	11004	X
1/9/2021	5,704	10537	X
1/9/2021	3,888	8944	X
1/9/2021	2,140	8945	X
1/10/2021	2,693	10538	X
1/11/2021	3,911	8951	X
1/12/2021	4,669	8952	X
1/13/2021	5,598	10555	X
1/13/2021	5,500	10556	X
1/14/2021	5,208	8974	X
1/14/2021	5,342	8975	X
1/15/2021	4,243	8977	X
1/15/2021	2,809	8978	X
1/15/2021	5,490	11051	X
1/15/2021	2,950	11052	X
1/16/2021	2,700	11053	X
1/16/2021	3,593	11054	X
1/16/2021	3,800	11055	X
1/17/2021	3,600	8954	X
1/17/2021	2,700	8955	X
1/17/2021	3,600	8956	X
1/18/2021	2,700	8957	X
1/18/2021	4,233	8958	X
1/18/2021	3,390	8959	X
1/18/2021	4,128	8960	X
1/18/2021	2,160	11066	X

Table 3
Summary of Liquids Shipped to HCC
(December 21, 2021 - July 31, 2021)

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

1/19/2021	3,788	8961	X
1/19/2021	4,243	8962	X
1/19/2021	3,783	8963	X
1/20/2021	2,500	8964	X
1/20/2021	3,800	8965	X
1/20/2021	4,315	8966	X
1/21/2020	2,772	8967	X
1/21/2021	4,416	8968	X
1/21/2021	3,868	8969	X
1/21/2021	3,011	8987	X
1/22/2021	4,372	8995	X
1/22/2021	3,822	8996	X
1/22/2021	2,717	8997	X
1/23/2021	4,473	8990	X
1/23/2021	2,763	8988	X
1/23/2021	3,515	8989	X
1/24/2021	4,512	8992	X
1/24/2021	2,801	8991	X
1/24/2021	3,927	8993	X
1/25/2021	4,233	8986	X
1/25/2021	3,692	8985	X
1/25/2021	3,528	11056	X
1/25/2021	2,835	8994	X
1/26/2021	2,500	11057	X
1/26/2021	3,696	9016	X
1/26/2021	4,224	9015	X
1/26/2021	5,800	8998	X
1/27/2021	4,320	8999	X
1/27/2021	3,620	9000	X
1/27/2021	4,224	9001	X
1/27/2021	3,840	9004	X
1/28/2021	3,936	9007	X
Total	274,978		

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - July 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
1/28/2021	3,654	9006	X
1/28/2021	4,224	9005	X
1/28/2021	1,974	9003	X
1/29/2021	4,224	9008	X
1/29/2021	3,696	9010	X
1/29/2021	3,840	9017	X
1/29/2021	2,142	9011	X
1/30/2021	2,900	9013	X
1/30/2021	3,360	9014	X
1/30/2021	3,614	9018	X
2/1/2021	2,400	9019	X
2/1/2021	3,612	9020	X
2/1/2021	2,268	9021	X
2/1/2021	2,814	9022	X
2/1/2021	3,696	9029	X
2/2/2021	3,696	8953	X
2/2/2021	2,772	8979	X
2/3/2021	3,612	9024	X
2/3/2021	2,989	9023	X
2/3/2021	2,940	9026	X
2/4/2021	2,520	9025	X
2/5/2021	3,150	9027	X
2/5/2021	3,150	9028	X
2/5/2021	2,800	7456	X
2/6/2021	3,360	9030	X
2/6/2021	2,772	9031	X
2/6/2021	2,700	9032	X
2/6/2021	3,696	9033	X
2/6/2021	2,562	9034	X
2/7/2021	4,176	9037	X
2/8/2021	2,800	9038	X
2/8/2021	3,698	9039	X
2/8/2021	3,654	9040	X
2/8/2021	2,600	9041	X
2/8/2021	3,780	9042	X
2/8/2021	4,100	9043	X
2/8/2021	3,486	9044	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - July 31, 2021)

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

2/9/2021	3,698	9047	X
2/9/2021	2,458	9048	X
2/9/2021	2,127	9049	X
2/10/2021	3,363	9050	X
2/10/2021	3,948	9051	X
2/11/2021	3,444	9052	X
2/11/2021	3,649	9053	X
2/12/2021	3,531	9054	X
2/12/2021	1,342	9055	X
2/13/2021	3,574	9056	X
2/15/2021	3,532	9057	X
2/15/2021	3,532	9058	X
2/15/2021	3,535	9060	X
2/15/2021	3,740	9061	X
2/16/2021	3,532	9059	X
2/16/2021	3,573	9062	X
2/16/2021	2,287	9063	X
2/17/2021	3,589	9064	X
2/17/2021	3,490	9065	X
2/17/2021	3,552	9068	X
2/18/2021	3,381	9069	X
2/18/2021	3,377	9070	X
2/19/2021	3,364	9102	X
2/19/2021	2,700	9103	X
2/19/2021	2,550	9100	X
2/20/2021	3,368	9095	X
2/20/2021	3,175	9099	X
2/22/2021	3,368	9094	X
2/22/2021	3,360	9101	X
2/22/2021	2,142	9176	X
2/22/2021	3,384	9180	X
2/22/2021	2,880	9093	X
2/23/2021	2,730	9178	X
2/23/2021	2,746	9179	X
2/24/2021	3,048	9177	X
2/24/2021	2,801	9092	X
2/24/2021	2,976	9182	X
2/25/2021	2,625	9172	X
2/25/2021	1,848	9170	X
2/25/2021	2,491	9173	X
2/26/2021	2,428	9171	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - July 31, 2021)

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

2/26/2021	3,048	9186	X
2/26/2021	2,667	9185	X
2/27/2021	3,048	9183	X
2/27/2021	3,024	9184	X
2/28/2021	2,684	9128	X
2/28/2021	3,600	9127	X
2/28/2021	2,552	9124	X
3/2/2021	2,616	9120	X
3/2/2021	3,029	9121	X
3/2/2021	2,600	9122	X
3/2/2021	2,928	9123	X
3/2/2021	2,579	9125	X
3/2/2021	3,178	9126	X
3/2/2021	2,592	9175	X
3/3/2021	2,933	9165	X
3/3/2021	2,918	9174	X
3/3/2021	2,012	9181	X
3/6/2021	3,331	9130	X
3/6/2021	3,360	9132	X
3/6/2021	2,534	9133	X
3/8/2021	2,478	9091	X
3/8/2021	2,470	9097	X
3/8/2021	2,731	9134	X
3/8/2021	2,688	9135	X
3/8/2021	2,894	9136	X
3/8/2021	3,600	9137	X
3/9/2021	2,736	9129	X
3/9/2021	2,520	9138	X
3/9/2021	3,600	9236	X
3/9/2021	2,000	9252	X
3/10/2021	2,602	9244	X
3/10/2021	2,680	9245	X
3/10/2021	2,562	9250	X
3/10/2021	2,698	9251	X
3/11/2021	2,604	9282	X
3/12/2021	2,928	9090	X
3/12/2021	2,671	9253	X
3/12/2021	2,976	9254	X
3/12/2021	2,579	9255	X
3/13/2021	2,604	9285	X
3/13/2021	2,784	9238	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - July 31, 2021)

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

3/13/2021	3,595	9287	X
3/13/2021	3,360	9286	X
3/15/2021	3,024	9290	X
3/15/2021	3,096	9294	X
3/15/2021	2,962	9296	X
3/15/2021	3,062	9298	X
3/15/2021	2,938	9295	X
3/15/2021	3,024	9292	X
3/15/2021	3,024	9297	X
3/15/2021	3,158	9240	X
3/15/2021	2,658	9237	X
3/16/2021	3,096	9293	X
3/16/2021	3,005	9239	X
3/16/2021	3,254	9288	X
3/16/2021	3,081	9283	X
3/16/2021	3,000	9284	X
3/16/2021	2,870	9256	X
3/17/2021	3,072	9300	X
3/17/2021	2,976	9301	X
3/17/2021	3,120	9247	X
3/17/2021	3,240	8982	X
3/17/2021	3,019	8981	X
3/17/2021	3,086	9299	X
3/17/2021	2,990	9246	X
3/18/2021	3,149	9304	X
3/18/2021	3,124	9242	X
3/18/2021	3,216	9243	X
3/18/2021	2,952	9241	X
3/18/2021	2,976	9303	X
3/18/2021	3,038	9302	X
3/19/2021	3,216	9310	X
3/19/2021	3,058	9309	X
3/19/2021	2,909	9307	X
3/19/2021	3,000	9306	X
3/19/2021	3,034	9305	X
3/19/2021	3,009	8984	X
3/20/2021	3,158	9311	X
3/20/2021	3,178	9342	X
3/20/2021	3,264	9343	X
3/20/2021	3,168	9313	X
3/22/2021	3,062	9347	X

Table 4
Summary of Liquids Shipped to
Legacy
(January 01, 2021 - July 31, 2021)

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

3/22/2021	2,890	9249	X
3/22/2021	2,990	9348	X
3/22/2021	3,120	9349	X
3/22/2021	3,115	9350	X
3/22/2021	3,139	9345	X
3/22/2021	3,220	9248	X
3/22/2021	3,125	9314	X
3/22/2021	3,024	9335	X
3/23/2021	3,045	9344	X
3/23/2021	3,120	9346	X
3/23/2021	3,254	9341	X
3/23/2021	3,269	9291	X
3/23/2021	2,899	9339	X
Total	526,737		

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/7/2020	80	1	763626	20.64	X
10/7/2020	76	2	763625	12.67	X
10/7/2020	83	3	763624	18.6	X
10/7/2020	131	4	763623	22.68	X
10/7/2020	138	5	763622	22.18	X
10/7/2020	159	6	763621	22.1	X
10/7/2020	161	7	763620	16.22	X
10/7/2020	163	8	763619	21.29	X
10/7/2020	84	9	763618	21.87	X
10/7/2020	152	10	763617	20.6	X
10/8/2020	140	11	763616	23.31	X
10/8/2020	83	12	763615	19.6	X
10/8/2020	80	13	763614	20.55	X
10/8/2020	76	14	763613	13.15	X
10/8/2020	131	15	763612	23.02	X
10/8/2020	138	16	763611	23.34	X
10/8/2020	159	17	763610	23.07	X
10/8/2020	161	18	763609	19.21	X
10/8/2020	80	19	763608	19.69	X
10/8/2020	83	20	763607	20.2	X
10/8/2020	162	21	763606	23.64	X
10/8/2020	84	22	763605	12.05	X
10/8/2020	163	23	763604	25.21	X
10/8/2020	83	24	763603	21.84	X
10/8/2020	83	25	763602	23.85	X
10/8/2020	80	26	763601	20.07	X
10/8/2020	131	27	763600	22.92	X
10/8/2020	138	28	763599	22.84	X
10/8/2020	140	29	763598	23.26	X
10/8/2020	162	30	763597	24.74	X
10/8/2020	84	31	763596	21.81	X
10/8/2020	161	32	763595	18.15	X
10/8/2020	80	33	763594	23.42	X
10/8/2020	159	34	763593	23.37	X
10/8/2020	163	35	763592	26.12	X
10/8/2020	84	36	763591	21.45	X
10/8/2020	131	37	763590	24.03	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/8/2020	138	38	763589	22.18	X
10/9/2020	83	39	763588	24.07	X
10/9/2020	80	40	763587	23.98	X
10/9/2020	80	41	763586	20.06	X
10/9/2020	162	42	763585	22.25	X
10/9/2020	131	43	763584	22.4	X
10/9/2020	161	44	763583	18.38	X
10/9/2020	84	45	763582	19.74	X
10/9/2020	159	46	763581	21.94	X
10/9/2020	140	47	763580	25.28	X
10/9/2020	83	48	763579	22.92	X
10/9/2020	163	49	763578	21.82	X
10/9/2020	80	50	765577	19.84	X
10/9/2020	138	51	763576	22.08	X
10/9/2020	83	52	763575	19.47	X
10/9/2020	131	53	763574	21.24	X
10/9/2020	162	54	763573	21.62	X
10/9/2020	140	55	763572	25.73	X
10/9/2020	84	56	763571	19.97	X
10/9/2020	161	57	763570	17.38	X
10/9/2020	163	58	763568	22.2	X
10/9/2020	80	59	763569	20.81	X
10/9/2020	159	60	763567	23.02	X
10/9/2020	83	61	763566	21.28	X
10/13/2020	159	62	763565	23.92	X
10/9/2020	80	63	763563	21.09	X
10/13/2020	159	62	763565	23.92	X
10/14/2020	131	63	763564	17.34	X
10/13/2020	163	64	763562	23.78	X
10/13/2020	138	65	763561	23.64	X
10/13/2020	76	66	763560	13.32	X
10/13/2020	131	67	763559	18.51	X
10/13/2020	162	68	763558	17.66	X
10/13/2020	80	69	763557	15.91	X
10/13/2020	84	70	763556	16.64	X
10/14/2020	84	71	763555	17.02	X
10/14/2020	159	72	763554	18.36	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/14/2020	162	73	763553	20.6	X
10/14/2020	163	74	763552	20.63	X
10/14/2020	138	75	763551	16.65	X
10/14/2020	80	76	763550	19.29	X
10/14/2020	83	77	763549	18.57	X
10/13/2020	140	78	763548	22.7	X
10/14/2020	84	79	763547	19.59	X
10/14/2020	162	80	763546	21.53	X
10/14/2020	159	81	763545	20.11	X
10/14/2020	163	82	763528	19.57	X
10/14/2020	138	83	763529	20.27	X
10/14/2020	131	84	763530	20.79	X
10/14/2020	80	85	763531	16.14	X
10/14/2020	83	86	763532	19.68	X
10/14/2020	84	87	763533	22.43	X
10/14/2020	163	88	763534	20.38	X
10/14/2020	159	89	763535	23.01	X
10/14/2020	138	90	763536	18.62	X
10/15/2020	162	91	763537	21.45	X
10/15/2020	131	92	763538	25.29	X
10/15/2020	160	93	763539	22.34	X
10/15/2020	80	94	763540	17.31	X
10/15/2020	84	95	763541	22.81	X
10/15/2020	83	96	763542	21.78	X
10/15/2020	163	97	763543	25.06	X
10/15/2020	159	98	763544	20.1	X
10/15/2020	83	99	1041191	20.06	X
10/15/2020	84	100	1041192	20.18	X
10/15/2020	162	101	1041193	9.98	X
10/15/2020	138	102	1041194	19.84	X
10/15/2020	80	103	1041195	19.33	X
10/15/2020	84	104	1041196	23.51	X
10/15/2020	131	105	1041197	20.59	X
10/15/2020	160	106	1041198	21.17	X
10/16/2020	163	107	1041199	23.45	X
10/16/2020	148	108	1041200	23.54	X
10/16/2020	162	109	1041201	24.52	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/16/2020	131	110	1041202	24.79	X
10/16/2020	80	111	1041203	13.55	X
10/16/2020	140	112	1041204	22.24	X
10/16/2020	160	113	1041205	22.85	X
10/16/2020	131	114	1041206	21.88	X
10/16/2020	83	115	1041207	19.6	X
10/16/2020	138	116	1041208	22.2	X
10/16/2020	162	117	1041209	23.01	X
10/16/2020	163	118	1041210	22.69	X
10/16/2020	160	119	1041211	23.28	X
10/16/2020	80	120	1041212	20.78	X
10/16/2020	140	121	1041213	23.99	X
10/16/2020	83	122	1041214	20.75	X
10/16/2020	138	123	1041215	22.93	X
10/16/2020	131	124	1041216	23.66	X
10/16/2020	84	125	1041217	21.2	X
10/15/2020	83	126	1041240	20.23	X
10/15/2020	83	127	1041239	20.25	X
10/15/2020	138	128	1041238	23.64	X
10/15/2020	162	129	1041237	22.27	X
10/16/2020	84	130	1041236	21.25	X
10/15/2020	80	131	1041235	20.05	X
10/15/2020	131	132	1041234	22.39	X
10/15/2020	160	133	1041233	21.69	X
10/15/2020	83	134	1041232	19.76	X
10/16/2020	138	135	1041231	21.88	X
10/16/2020	83	136	1041230	19.9	X
10/16/2020	163	137	1041229	22.39	X
10/16/2020	160	138	1041228	21.86	X
10/16/2020	80	139	1041227	19.81	X
10/16/2020	138	140	1041226	22.35	X
10/16/2020	140	141	1041225	23.29	X
10/17/2020	83	142	1041224	21.04	X
10/16/2020	83	143	1041223	21.55	X
10/17/2020	131	144	1041222	24.25	X
10/17/2020	84	145	1041221	22.42	X
10/17/2020	84	146	10412220	20.74	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/17/2020	163	147	1041219	22.37	X
10/17/2020	159	148	1041218	23.09	X
10/17/2020	160	149	1042521	28.87	X
10/17/2020	138	150	1042522	17.61	X
10/17/2020	162	151	1042523	22.25	X
10/17/2020	131	152	1042524	23.74	X
10/17/2020	83	153	1042525	21.69	X
10/19/2020	160	154	1042526	22.93	X
10/19/2020	138	155	1042527	21.68	X
10/17/2020	84	156	1042528	22.51	X
10/19/2020	84	157	1042529	21.84	X
10/19/2020	84	158	1042530	21.4	X
10/19/2020	131	159	1042531	25.24	X
10/19/2020	160	160	1042532	23.97	X
10/19/2020	80	161	1042533	22.1	X
10/19/2020	148	162	1042534	25.18	X
10/19/2020	163	163	1042535	23	X
10/19/2020	162	164	1042536	24.93	X
10/19/2020	83	165	1042537	20.12	X
10/19/2020	83	166	1042538	20.78	X
10/19/2020	159	167	1042539	23.25	X
10/19/2020	138	168	1042540	24.46	X
10/19/2020	163	169	1042541	24.13	X
10/19/2020	162	170	1042542	24.68	X
10/19/2020	159	171	1042552	22.51	X
10/19/2020	148	172	1042550	24.25	X
10/19/2020	143	173	1042550	24.25	X
10/19/2020	80	174	1042549	19.28	X
10/19/2020	83	175	1042548	21.09	X
10/19/2020	83	176	1042547	20.36	X
10/27/2020	84	177	1042546	19.06	X
10/27/2020	84	178	1042545	18.83	X
10/19/2020	84	179	1042544	17.22	X
10/19/2020	84	180	1042543	21.05	X
10/19/2020	138	181	1042553	22.15	X
10/19/2020	160	182	1042554	22.46	X
10/19/2020	162	183	1042555	22.78	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/19/2020	163	184	1042556	22.84	X
10/19/2020	159	185	1042557	21.94	X
10/19/2020	80	186	1042558	19.46	X
10/19/2020	148	187	1042559	22.35	X
10/19/2020	138	188	1042569	19.52	X
10/19/2020	160	189	1042568	21.9	X
10/27/2020	162	190	1042567	19.53	X
10/19/2020	80	191	1042566	20.21	X
10/20/2020	148	192	1042565	23.85	X
10/19/2020	83	193	1042564	21.15	X
10/19/2020	163	194	1042563	22.45	X
10/20/2020	138	195	1042562	21.32	X
10/27/2020	138	196	1042561	26.39	X
10/27/2020	80	197	1042560	17.99	X
10/27/2020	83	198	1042570	17.61	X
10/27/2020	159	199	1042571	15.69	X
10/27/2020	163	200	1042572	27.02	X
10/27/2020	152	201	1042573	15.26	X
10/27/2020	162	202	1042574	12.25	X
10/27/2020	160	203	1042575	23.35	X
10/27/2020	148	204	1042576	19.66	X
10/27/2020	138	205	1042577	21.4	X
10/27/2020	80	206	1042578	17.99	X
10/27/2020	148	208	1042580	26.34	X
10/27/2020	159	209	1042581	21.14	X
10/27/2020	163	210	1042582	21.3	X
10/27/2020	160	211	1042583	23.81	X
10/27/2020	162	212	1042584	25.04	X
10/27/2020	152	213	1042585	28.95	X
10/27/2020	138	214	1042586	24.03	X
10/27/2020	148	215	1042587	29.6	X
10/27/2020	80	216	1042588	19.2	X
10/27/2020	83	217	1042589	19	X
10/27/2020	159	218	1042590	26.14	X
10/27/2020	163	219	1042591	27.96	X
10/28/2020	83	220	1042592	18.61	X
10/28/2020	160	221	1042593	27.25	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
10/28/2020	160	222	1042594	27.11	X
10/28/2020	84	223	1042595	18.07	X
10/28/2020	152	224	1042596	22.3	X
10/28/2020	80	225	1042597	19.45	X
10/28/2020	83	226	1042598	17.21	X
10/28/2020	148	227	1042599	26.88	X
10/28/2020	162	228	1042600	23.87	X
10/28/2020	163	229	1042601	26.78	X
10/28/2020	159	230	1042602	25.38	X
10/28/2020	160	231	1042603	24.73	X
10/28/2020	138	232	1042604	22.53	X
10/28/2020	80	233	1042605	18.57	X
10/28/2020	152	234	1042606	23.96	X
10/28/2020	84	235	1042607	19.48	X
10/29/2020	83	236	1042609	20.85	X
10/28/2020	162	237	1042610	20.04	X
10/28/2020	159	238	1042611	25.07	X
10/28/2020	163	239	1042612	23.46	X
10/29/2020	160	240	1042613	21.31	X
10/28/2020	138	241	1042614	22.8	X
10/29/2020	80	242	1042608	18.98	X
10/28/2020	82	243	1042616	1.93	X
12/1/2020	D11	244	1042716	8.99	X
12/4/2020	D10	246	1042719	18.13	X
12/7/2020	D10	247	1042718	10.86	X
12/7/2020	D10	248	1042717	20.31	X
12/8/2020	D10	249	1042715	16.57	X
12/8/2020	D10	250	1042714	18.27	X
12/9/2020	D10	251	1042713	17.75	X
12/9/2020	D10	252	1042712	16.03	X
12/15/2020	D9	253	1042711	18.3	X
12/15/2020	D10	254	1042710	15.67	X
12/28/2020	BT21	255	1042709	16.15	X
12/28/2020	BT10	256	1042708	17.13	X
12/28/2020	BT16	257	1042707	15.99	X
12/28/2020	D10	258	1042706	20.54	X
12/28/2020	BT13	259	1042705	13.73	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/29/2020	D11	260	1042704	18.02	X
12/29/2020	KT10	261	1042703	12.93	X
12/29/2020	2	262	1042702	14.71	X
12/29/2020	BT11	263	1042701	13.49	X
12/29/2020	D10	264	1042700	18.08	X
12/29/2020	D11	265	1042699	16.5	X
12/29/2020	2	266	1042698	10.74	X
12/29/2020	BT11	267	1042697	15.39	X
12/29/2020	D10	268	1042696	21.92	X
12/29/2020	KT10	269	1042695	13.95	X
12/29/2020	D11	270	1042694	21.82	X
12/29/2020	2	271	1042693	14.59	X
12/29/2020	BT11	272	1042692	14.15	X
12/29/2020	KT10	273	1042691	11.87	X
12/29/2020	BT16	274	1042690	18.83	X
12/29/2020	D10	275	1042689	21.27	X
12/29/2020	2	276	1042688	13.89	X
12/29/2020	11	277	1042687	21.74	X
12/29/2020	KT10	278	1042686	14.07	X
12/30/2020	BT16	279	1042685	20.84	X
12/30/2020	2	280	1042684	20.55	X
12/30/2020	D9	281	1042683	24.14	X
12/30/2020	KT12	282	1042682	18.19	X
12/30/2020	KT10	283	1042681	16.65	X
12/30/2020	D10	284	1042680	23.35	X
12/30/2020	D11	285	1042679	20.99	X
12/30/2020	BT16	286	1042678	19.04	X
12/30/2020	KT12	287	1042677	13.2	X
12/30/2020	KT10	288	1042676	11.66	X
12/30/2020	2	289	1042675	13.89	X
12/30/2020	9	290	1042674	20.15	X
12/30/2020	D11	291	1042673	18.64	X
12/30/2020	BT16	292	1042672	21.59	X
12/30/2020	D10	293	1042671	24.53	X
12/30/2020	2	294	1042670	15.86	X
12/30/2020	D9	295	1042669	23.36	X
12/30/2020	KT12	296	1042668	12.59	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
12/30/2020	KT10	297	1042667	9.69	X
12/30/2020	BT16	298	1042666	16.34	X
12/30/2020	2	299	1042665	13.59	X
12/30/2020	D9	300	1042664	20.03	X
12/30/2020	D10	301	1042663	22.03	X
12/30/2020	D11	302	1042662	19.31	X
12/30/2020	D10	303	1042661	23.84	X
12/30/2020	2	304	1042660	14.77	X
12/30/2020	KT12	305	1042659	16.1	X
1/4/2021	BT16	306	1042658	16.82	X
1/4/2021	D10	307	1042657	19.44	X
1/4/2021	D11	308	1042656	19.72	X
1/4/2021	KT10	309	1042655	10.66	X
1/4/2020	KT11	310	1042654	16.17	X
1/4/2020	D9	311	1042653	18.7	X
1/4/2021	BT16	312	1042652	16.49	X
1/4/2021	D10	313	1042651	16.61	X
1/4/2021	--	314	1042650	17.59	X
1/4/2021	--	315	1042649	16.52	X
1/5/2021	10	316	1042648	9.29	X
1/5/2021	2	317	1042647	15.68	X
1/5/2021	BT17	318	1042646	22.03	X
1/5/2021	BT13	319	1042645	18.95	X
1/5/2021	D10	320	1042644	17.82	X
1/5/2021	--	321	1042643	20.29	X
1/5/2021	D11	323	1042642	23.23	X
1/5/2021	2	324	1042641	14.6	X
1/5/2021	BT17	325	1042640	19.55	X
1/5/2021	BT13	326	1042639	15.93	X
1/5/2021	KT10	327	1042638	15.22	X
1/5/2021	D11	328	1042637	12.39	X
1/5/2021	2	329	1042636	14.48	X
1/5/2021	D10	330	1042635	10.74	X
1/5/2021	D11	331	1042634	21.16	X
1/5/2021	BT17	332	1042633	18.47	X
1/5/2021	BT13	333	1042632	14.13	X
1/5/2021	KT10	334	1042631	11.83	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/5/2021	2	335	1042630	13.84	X
1/6/2021	D10	336	1042629	22.66	X
1/6/2021	BT9	337	1042628	14.21	X
1/6/2021	D11	338	1042627	23.62	X
1/6/2021	KT10	339	1042626	8.52	X
1/6/2021	2	340	1042625	13.34	X
1/6/2021	BT19	341	1042624	11.17	X
1/6/2021	BPD5	342	1042623	16.84	X
1/6/2021	KT11	343	1042622	17.73	X
1/6/2021	D11	344	1042621	21.52	X
1/6/2021	BT9	345	1042722	16.39	X
1/6/2021	BT19	346	1042723	21.74	X
1/7/2021	KT10	347	1042724	13.94	X
1/7/2021	KT10	348	1042725	14.62	X
1/7/2021	KT12	349	1042726	12.39	X
1/7/2021	BPD5	350	1042727	17.02	X
1/7/2021	BT19	351	1042728	15.29	X
1/7/2021	D11	352	1042729	17.38	X
1/7/2021	D10	353	1042730	23.65	X
1/7/2021	2	354	1042731	13.53	X
1/7/2021	BPD5	355	1042732	17.74	X
1/7/2021	KT10	356	1042733	15.05	X
1/7/2021	BT19	357	1042734	16.24	X
1/7/2021	D11	358	1042735	15.15	X
1/7/2021	D10	359	1042736	19.04	X
1/7/2021	2	360	1042737	13.75	X
1/7/2021	KT10	361	1042738	12.09	X
1/7/2021	KT12	362	1042739	14.06	X
1/7/2021	BT19	363	1042740	15.63	X
1/7/2021	BPD5	364	1042741	17.08	X
1/7/2021	D11	365	1042742	19.1	X
1/7/2020	D10	366	1042743	21.91	X
1/11/2021	D9	367	1042744	21.5	X
1/11/2021	KT12	368	1042745	10.82	X
1/11/2021	KT10	369	1042746	10.56	X
1/11/2021	D11	370	1042747	15.66	X
1/11/2021	BT13	371	1042748	18.33	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/11/2021	D10	372	1042749	20.7	X
1/11/2021	BT19	373	1042750	14.83	X
1/11/2021	BT19	374	1042751	18.47	X
1/11/2021	BT10	375	1042752	17.11	X
1/11/2021	D11	376	1042753	22.73	X
1/11/2021	D10	377	1042754	23.1	X
1/11/2021	BT19	378	1042755	18.94	X
1/11/2021	BT13	379	1042756	22.47	X
1/11/2021	D9	380	1042757	21.75	X
1/11/2021	BT9	381	1042758	13.9	X
1/11/2021	BT10	382	1042759	18.24	X
1/11/2021	D11	383	1042760	23.37	X
1/11/2021	KT12	384	1042761	12.93	X
1/11/2021	KT10	385	1042762	12.26	X
1/11/2021	D10	386	1042763	18.35	X
1/11/2021	BT13	387	1042764	21.29	X
1/11/2021	BT19	388	1042765	16.45	X
1/11/2021	D9	389	1042766	16.4	X
1/11/2021	KT12	390	1042767	15.97	X
1/11/2021	BT10	391	1042768	14.74	X
1/11/2021	KT10	392	1042769	20.18	X
1/11/2021	BT9	393	1042770	22.24	X
1/11/2021	D10	394	1042771	13.66	X
1/11/2021	KT12	395	1042772	13.66	X
1/12/2021	D9	396	1042773	19.74	X
1/12/2021	D11	397	1042774	18.7	X
1/12/2021	KT10	398	1042775	12.27	X
1/12/2021	D10	399	1042776	20.91	X
1/12/2021	D9	400	1042777	20.9	X
1/12/2021	D10	401	1042778	19.92	X
1/12/2021	D10	402	1042779	20.7	X
1/12/2021	KT10	403	1042780	12.11	X
1/12/2021	D9	404	1042781	22.22	X
1/12/2021	D10	405	1042782	21.13	X
1/12/2021	KT10	406	1042783	11.51	X
1/12/2021	D11	407	1042784	13.36	X
1/14/2021	D9	408	1042785	19.56	X

Table 5
Summary of Soil Shipped to Republic Services
(October 7, 2020 - July 31, 2021)

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

Date	Truck No.	Load No.	Manifest No.	Tons	Manifest Previously Provided
1/14/2021	D9	409	1042786	20.38	X
1/14/2021	D11	410	1042787	19.11	X
1/14/2021	D10	411	1042788	20.06	X
1/14/2021	D11	412	1042789	23.14	X
1/14/2021	D9	413	1042790	19.92	X
1/14/2021	D9	414	1042791	20.78	X
1/14/2021	D9	415	1042792	19.3	X
1/14/2021	D11	416	1042793	23.15	X
1/14/2021	BT10	417	1042794	21.01	X
1/15/2021	D10	418	1042795	20.98	X
1/15/2021	BT9	419	1042796	17.74	X
1/15/2021	D9	420	1042797	21.16	X
1/15/2021	D11	421	1042798	20.85	X
1/15/2021	D10	422	1042799	19.74	X
1/15/2021	D11	423	1042800	22.07	X
1/15/2021	D9	424	1042801	21.46	X
1/15/2021	D10	425	1042802	18.59	X
1/15/2021	D11	426	1042803	22.76	X
1/22/2021	163	427	1042822	26.58	X
1/22/2021	162	428	1042818	25.2	X
1/22/2021	148	429	1042819	31.13	X
1/22/2021	96	430	1042805	12.12	X
1/22/2021	138	431	1042821	19.66	X
1/29/2021	--	432	1042822	20.06	X
1/29/2021	--	433	1042824	17.5	X
2/2/2021	96	434	1042823	17.5	X
2/8/2021	96	435	1042826	18.68	X
2/15/2021	96	436	1042827	14.08	X
2/24/2021	82	437	1042828	21.27	X
3/9/2021	96	438	1042829	13.22	X
3/15/2021	82	439	1042830	10.78	X
4/23/2021	96	440	1042831	9.03	X
5/10/2021	82	441	1042832	10.59	X
6/2/2021	96	442	1042812	9.89	X
6/24/2021	96	443	1042833	13.99	X
7/28/2021	96	444	1042834	6.46	
Total				8,678	

SITE

BFI/CMS LANDFILL 704-782-2004
5105 MOREHEAD RD CONCORD, NC 28025

CUSTOMER

100170
STAT INC
PO BOX 1443
LENOIR, NC 28645

Contract:50102012078
Generator:Colonial Pipeline Company

SITE	TICKET #	CELL
Y6	1822503	
WEIGHMASTER		
TERI T.		
DATE/TIME IN	DATE/TIME OUT	
7/28/21 3:09 pm	7/28/21 3:09 pm	
VEHICLE	CONTAINER	
stat96	stat2503	
REFERENCE		
1042834		
BILL OF LADING		

SCALE IN GROSS WEIGHT	49,940	NET TONS	6.46	INBOUND
TARE OUT TARE WEIGHT	37,020	NET WEIGHT	12,920	INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
0.00	YD	Tracking QTY				
6.46	tn	SW-CONT SOIL-ALT DAILY Origin:MECKLENBURG 100% COVER				

HARD HATS AND SAFETY VEST ARE REQUIRED WHEN EXITING YOUR VEHICLE

WHILE IN THE LANDFILL. IF YOU DO NOT HAVE THESE ITEMS YOU MAY BORROW

A SET FROM THE SCALE HOUSE. THANK YOU.

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

NET AMOUNT
TENDERED
CHANGE
CHECK#



**REPUBLIC
SERVICES**

1872503
1042834

NON-HAZARDOUS WASTE MANIFEST

Please print or type.

1. Generator's US EPA ID Number		Manifest Document Number		2. Page 1 of	
3. Generator's Name and Mailing Address CPC PO BOX 87 Paw Creek, NC 28213				5. Generating Location (if different) Colonial Pipeline Company 14101 Ironhorseville-Concord Rd. Paw Creek, NC 28078	
4. Phone ()				6. Phone ()	
7. Transporter #1 Company Name			8. US EPA ID Number		9. Transporter #1's Phone
10. Transporter #2 Company Name			11. US EPA ID Number		12. Transporter #2's Phone
13. Designated T/S/D Facility Name and Site Address CMS Landfill 5105 Morehead Rd Concord, NC 28027			14. US EPA ID Number 754-262-6371		15. Facility's Phone
16. Waste Shipping Name and Description			17. Republic Services Approval # and Exp. Date		18. Containers
					No. Type
a. contaminated soil			5010-20-12078		9/17/2021
b.					
c.					
19. Total Quantity 6.46					
20. Unit WT/Vol					
21. Additional Descriptions for Materials Listed Above					
22. Special Handling Instructions and Additional Information MSL STAT 100170					
23. GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.					
Printed/Typed Name John G. Sider			Signature [Signature]		
Month 7			Day 28		
Year 21					
24. Transporter #1: Acknowledgement of Receipt of Materials					
Printed/Typed Name Darren Sider			Signature [Signature]		
Month 07			Day 28		
Year 21					
25. Transporter #2: Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		
Month			Day		
Year					
26. Discrepancy Indication Space CMS LANDFILL 5105 MOREHEAD RD CONCORD, NC 28027 754-262-6371					
27. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest (except as noted in Item 19)					
Printed/Typed Name [Signature]			Signature [Signature]		
Month 7-28-21			Day 28		
Year 21					

Table 6
Summary of Liquids Shipped to
Aaron Oil
(September 12, 2020 - July 31, 2021)

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

Date	Gallons	Bill of Lading No.	Manifest Previously Received
9/12/2020	5,191	154376	X
9/17/2020	3,497	154379	X
9/25/2020	4,911	154378	X
9/30/2020	5,333	155096	X
10/4/2020	2,450	154501	X
10/5/2020	4,873	154502	X
10/21/2020	5,200	147321	X
10/29/2020	5,000	155094	X
11/2/2020	5,363	154503	X
11/3/2020	5,500	154387	X
11/5/2021	5,300	155097	X
11/5/2020	4,755	155166	X
11/7/2020	5,000	155167	X
11/9/2021	5,500	155098	X
11/9/2020	5,000	155168	X
11/11/2020	5,000	155169	X
11/12/2021	5,000	155099	X
11/14/2020	5,000	155171	X
11/17/2020	5,224	155170	X
11/19/2020	5,286	155173	X
12/1/2020	5,500	154382	X
12/23/2020	5,191	155174	X
1/12/2021	2,500	155661	X
1/19/2021	5,000	155665	X
1/20/2021	5,000	155666	X
1/20/2021	5,400	155667	X
1/21/2021	5,000	155672	X
1/25/2021	5,500	155172	X
1/25/2021	5,254	155670	X
1/26/2021	4,050	155671	X
2/2/2021	5,000	155668	X
2/10/2020	5,000	155669	X
2/17/2021	7,700	155304	X
2/19/2021	5,000	155305	X
2/23/2021	5,000	155311	X
3/10/2021	2,500	155309	X
3/22/2021	2,800	155316	X
4/29/2021	2,700	155315	X
Total	182,478		

Table 7
Summary of Liquids Shipped to MEI
(March 24, 2021 - July 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
3/24/2021	5,348	1	X
3/26/2021	5,538	5	X
3/26/2021	5,476	6	X
3/27/2021	5,481	7	X
3/27/2021	5,417	8	X
3/27/2021	5,538	9	X
3/29/2021	5,449	12	X
3/29/2021	5,480	13	X
3/29/2021	5,417	14	X
3/30/2021	5,480	15	X
3/30/2021	5,417	16	X
3/31/2021	5,417	17	X
3/31/2021	5,417	18	X
3/31/2021	5,417	19	X
4/1/2021	5,417	20	X
4/2/2021	5,417	21	X
4/3/2021	5,417	22	X
4/3/2021	5,482	23	X
4/5/2021	5,417	24	X
4/5/2021	5,417	25	X
4/5/2021	5,417	26	X
4/5/2021	5,417	27	X
4/5/2021	5,348	28	X
4/6/2021	5,417	29	X
4/6/2021	5,147	30	X
4/6/2021	5,417	31	X
4/7/2021	5,417	32	X
4/8/2021	5,417	33	X
4/8/2021	5,417	34	X
4/9/2021	5,195	35	X
4/9/2021	5,417	36	X
4/9/2021	5,417	37	X
4/9/2021	5,417	38	X
4/10/2021	5,417	39	X
4/10/2021	5,417	40	X
4/12/2021	5,417	41	X
4/12/2021	5,417	42	X
4/12/2021	5,417	43	X

Table 7
Summary of Liquids Shipped to MEI
(March 24, 2021 - July 31, 2021)

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

4/12/2021	5,417	44	X
4/13/2021	5,417	45	X
4/13/2021	5,417	46	X
4/13/2021	5,023	47	X
4/14/2021	5,417	48	X
4/14/2021	5,417	49	X
4/15/2021	5,417	50	X
4/15/2021	5,417	51	X
4/15/2021	5,417	52	X
4/16/2021	5,417	53	X
4/16/2021	5,417	54	X
4/17/2021	5,412	55	X
4/17/2021	5,410	56	X
4/17/2021	5,417	57	X
4/19/2021	5,417	58	X
4/19/2021	5,348	59	X
4/19/2021	5,417	60	X
4/19/2021	5,417	61	X
4/20/2021	5,417	62	X
4/20/2021	5,417	63	X
4/21/2021	5,417	64	X
4/21/2021	5,481	65	X
4/21/2021	3,000	66	X
4/21/2021	5,417	67	X
4/21/2021	5,417	68	X
4/22/2021	5,417	69	X
4/22/2021	5,417	70	X
4/22/2021	5,417	71	X
4/22/2021	5,417	72	X
4/23/2021	5,481	73	X
4/23/2021	5,417	74	X
Total	370,967		

Table 8
Summary of Liquids Shipped to HCC
(March 24, 2021 - July 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
3/24/2021	5,111	2	X
3/25/2021	5,417	3	X
3/25/2021	4,977	4	X
3/29/2021	5,417	11	X
Total	20,922		

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

Date	Gallons	Manifest No.	Manifest Previously Provided
4/23/2021	5,024	139108	X
4/23/2021	5,259	139105	X
4/24/2021	5,125	139159	X
4/24/2021	5,076	139115	X
4/24/2021	5,125	139150	X
4/24/2021	5,022	139149	X
4/26/2021	4,964	139157	X
4/26/2021	5,010	139158	X
4/26/2021	5,020	139160	X
4/26/2021	5,084	139156	X
4/26/2021	5,029	139154	X
4/27/2021	5,024	139179	X
4/27/2021	5,180	139182	X
4/27/2021	5,122	139180	X
4/27/2021	4,847	139183	X
4/28/2021	5,173	139192	X
4/28/2021	5,129	139188	X
4/28/2021	5,175	139151	X
4/28/2021	5,300	139193	X
4/28/2021	4,664	139200	X
5/1/2021	5,156	139218	X
5/1/2021	5,141	139256	X
5/1/2021	4,832	139260	X
5/1/2021	5,118	139257	X
5/2/2021	5,050	139261	X
5/2/2021	5,300	139259	X
5/3/2021	5,209	139264	X
5/3/2021	5,000	139266	X
5/3/2021	5,213	139265	X
5/3/2021	4,456	139267	X
5/4/2021	5,055	139243	X
5/4/2021	5,048	139241	X
5/4/2021	4,412	139240	X
5/4/2021	5,036	139242	X
5/5/2021	5,041	139308	X
5/5/2021	5,141	139219	X
5/5/2021	5,029	139310	X
5/5/2021	5,096	139309	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

5/6/2021	4,854	139277	X
5/6/2021	5,022	139281	X
5/6/2021	4,894	139278	X
5/6/2021	4,981	139282	X
5/7/2021	4,993	139351	X
5/7/2021	4,993	139354	X
5/7/2021	5,000	139350	X
5/7/2021	3,552	139356	X
5/8/2021	4,964	139326	X
5/8/2021	5,074	139328	X
5/8/2021	5,026	139325	X
5/8/2021	4,995	139323	X
5/9/2021	4,857	139324	X
5/10/2021	4,926	139331	X
5/10/2021	4,993	139333	X
5/10/2021	4,993	139332	X
5/10/2021	4,832	139330	X
5/11/2021	5,062	139235	X
5/11/2021	4,842	139233	X
5/11/2021	4,966	139274	X
5/11/2021	5,072	139234	X
5/12/2021	5,082	139371	X
5/12/2021	5,022	139377	X
5/12/2021	4,175	139370	X
5/12/2021	4,899	139367	X
5/14/2021	5,125	139393	X
5/14/2021	5,125	139394	X
5/15/2021	5,019	138935	X
5/15/2021	5,125	138936	X
5/16/2021	5,125	138937	X
5/17/2021	5,125	138940	X
5/17/2021	5,076	138923	X
5/17/2021	5,125	138924	X
5/17/2021	5,076	138925	X
5/17/2021	5,019	138932	X
5/18/2021	5,019	138934	X
5/18/2021	5,076	138958	X
5/18/2021	5,019	138931	X
5/18/2021	5,076	138957	X
5/18/2021	5,125	138960	X
5/18/2021	5,125	138959	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

5/19/2021	5,125	138979	X
5/19/2021	5,076	138978	X
5/19/2021	5,025	138980	X
5/19/2021	5,076	138977	X
5/20/2021	5,125	138996	X
5/20/2021	5,076	138993	X
5/20/2021	5,076	139000	X
5/20/2021	5,125	138995	X
5/21/2021	5,125	151861	X
5/21/2021	5,125	151863	X
5/21/2021	3,727	151874	X
5/21/2021	5,076	151862	X
5/21/2021	5,019	151875	X
5/21/2021	5,076	138994	X
5/22/2021	4,800	139413	X
5/22/2021	5,076	151879	X
5/22/2021	5,010	151880	X
5/22/2021	5,019	151883	X
5/23/2021	5,019	151882	X
5/24/2021	5,019	151886	X
5/24/2021	5,076	139410	X
5/24/2021	5,076	151885	X
5/24/2021	4,570	139411	X
5/24/2021	5,010	151884	X
5/25/2021	5,076	139424	X
5/25/2021	5,125	151881	X
5/25/2021	5,076	139454	X
5/25/2021	5,125	139425	X
5/27/2021	5,125	139437	X
5/27/2021	5,076	139439	X
5/28/2021	5,125	139436	X
5/28/2021	5,076	139465	X
5/28/2021	5,125	139464	X
5/28/2021	5,076	139438	X
5/29/2021	5,082	139474	X
5/29/2021	5,000	139479	X
5/29/2021	5,000	139476	X
5/29/2021	5,082	139477	X
5/30/2021	5,125	139481	X
5/30/2021	4,799	139480	X
5/31/2021	5,125	139482	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

5/31/2021	5,125	139483	X
5/31/2021	5,076	139486	X
5/31/2021	5,125	139431	X
5/31/2021	5,124	139430	X
6/1/2021	5,125	139429	X
6/1/2021	5,076	139487	X
6/1/2021	5,076	139489	X
6/1/2021	4,355	139488	X
6/2/2021	5,076	139533	X
6/2/2021	5,125	139508	X
6/2/2021	5,076	139507	X
6/2/2021	4,870	139534	X
6/3/2021	5,125	139518	X
6/3/2021	4,863	139516	X
6/3/2021	5,125	139521	X
6/3/2021	5,076	139519	X
6/4/2021	5,076	139504	X
6/4/2021	3,973	139501	X
6/4/2021	5,076	139503	X
6/4/2021	5,125	139502	X
6/5/2021	5,125	139550	X
6/5/2021	5,010	139553	X
6/5/2021	4,863	139549	X
6/5/2021	5,125	139551	X
6/6/2021	5,019	139548	X
6/6/2021	5,019	139547	X
6/7/2021	5,076	139543	X
6/7/2021	5,125	139541	X
6/7/2021	5,076	139562	X
6/7/2021	5,125	139542	X
6/8/2021	5,076	139579	X
6/8/2021	5,125	139577	X
6/8/2021	5,125	139576	X
6/8/2021	5,076	139578	X
6/10/2021	5,076	139825	X
6/10/2021	4,725	139824	X
6/10/2021	5,125	139823	X
6/11/2021	5,076	139627	X
6/11/2021	5,076	139628	X
6/11/2021	5,125	139822	X
6/11/2021	5,125	139900	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

6/12/2021	5,010	139896	X
6/12/2021	5,000	139893	X
6/12/2021	5,076	139898	X
6/12/2021	5,000	139895	X
6/13/2021	5,124	139891	X
6/13/2021	5,125	139892	X
6/14/2021	5,076	139884	X
6/14/2021	5,125	139881	X
6/14/2021	5,076	139882	X
6/14/2021	5,100	139897	X
6/14/2021	4,775	139814	X
6/15/2021	5,076	139809	X
6/15/2021	5,125	139646	X
6/15/2021	4,526	139644	X
6/16/2021	5,125	139640	X
6/16/2021	5,076	139638	X
6/16/2021	5,125	139641	X
6/17/2021	5,125	139613	X
6/17/2021	5,076	139807	X
6/17/2021	5,125	139621	X
6/17/2021	5,076	139808	X
6/18/2021	5,076	139639	X
6/18/2021	5,125	139688	X
6/18/2021	4,600	139689	X
6/18/2021	5,076	139690	X
6/19/2021	5,125	139710	X
6/19/2021	4,411	139679	X
6/19/2021	5,000	139681	X
6/20/2021	5,019	139709	X
6/20/2021	5,019	139708	X
6/21/2021	5,076	139707	X
6/21/2021	5,125	139705	X
6/21/2021	5,200	139706	X
6/22/2021	5,076	139727	X
6/22/2021	5,125	139726	X
6/22/2021	5,125	139729	X
6/22/2021	5,076	139724	X
6/23/2021	5,076	139787	X
6/23/2021	5,125	139789	X
6/23/2021	5,076	139788	X
6/23/2021	5,125	139790	X

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

6/24/2021	5,125	139802	X
6/24/2021	5,076	139800	X
6/24/2021	5,125	139803	X
6/24/2021	5,076	139801	X
6/25/2021	5,125	138380	X
6/25/2021	5,076	138379	X
6/25/2021	5,125	138381	X
6/25/2021	5,076	138378	X
6/25/2021	5,125	138385	X
6/26/2021	5,000	138391	X
6/26/2021	5,076	138390	X
6/26/2021	5,000	138393	X
6/26/2021	5,000	138392	X
6/27/2021	5,125	138395	X
6/27/2021	5,125	138396	X
6/28/2021	5,076	139806	X
6/28/2021	5,076	138366	X
6/28/2021	5,125	138365	X
6/28/2021	5,125	138364	X
6/28/2021	5,000	138394	X
6/29/2021	5,125	138324	X
6/29/2021	5,076	138322	X
6/29/2021	5,200	138323	X
6/29/2021	5,125	138325	X
6/30/2021	5,125	138341	X
6/30/2021	5,076	138339	X
6/30/2021	5,076	138340	X
6/30/2021	5,125	138342	X
7/2/2021	5,076	138331	
7/2/2021	5,125	139784	
7/2/2021	5,200	138332	
7/3/2021	5,120	138244	
7/3/2021	5,125	138247	
7/3/2021	5,120	138242	
7/4/2021	5,125	138240	
7/4/2021	5,125	138243	
7/5/2021	5,076	138239	
7/5/2021	5,125	138236	
7/5/2021	5,000	138237	
7/5/2021	5,125	138238	
7/5/2021	5,076	138241	

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

7/6/2021	5,125	138235	
7/6/2021	5,076	138234	
7/6/2021	5,076	138203	
7/6/2021	5,125	138233	
7/7/2021	5,076	138205	
7/7/2021	5,125	138207	
7/7/2021	4,900	138204	
7/7/2021	4,725	138206	
7/8/2021	5,125	138219	
7/8/2021	5,125	138222	
7/8/2021	5,125	138217	
7/8/2021	5,125	138218	
7/9/2021	5,125	138224	
7/9/2021	5,076	138229	
7/9/2021	5,125	138228	
7/9/2021	4,960	138198	
7/10/2021	5,125	138133	
7/10/2021	5,125	138118	
7/10/2021	5,000	138134	
7/10/2021	5,125	138132	
7/11/2021	5,124	138136	
7/11/2021	5,125	138135	
7/12/2021	5,125	138148	
7/12/2021	5,019	138147	
7/12/2021	5,125	138146	
7/12/2021	5,019	138149	
7/13/2021	5,125	138129	
7/13/2021	5,076	138126	
7/13/2021	5,125	138130	
7/13/2021	5,076	138113	
7/15/2021	5,125	138054	
7/15/2021	5,076	138091	
7/15/2021	5,125	138053	
7/16/2021	5,125	138041	
7/16/2021	5,124	138038	
7/16/2021	5,125	138042	
7/16/2021	5,124	138040	
7/17/2021	5,125	138044	
7/17/2021	5,100	138045	
7/17/2021	5,125	138043	
7/17/2021	5,125	138046	

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

7/18/2021	5,000	138048	
7/18/2021	5,019	138047	
7/18/2021	5,125	138049	
7/19/2021	5,000	137995	
7/19/2021	5,125	138028	
7/19/2021	5,125	137990	
7/19/2021	5,125	138009	
7/19/2021	5,125	138010	
7/20/2021	5,125	137987	
7/20/2021	5,076	138007	
7/20/2021	5,125	138000	
7/20/2021	5,125	137998	
7/20/2021	5,000	137968	
7/21/2021	5,125	137969	
7/21/2021	5,076	137967	
7/21/2021	5,125	137971	
7/21/2021	5,076	137970	
7/22/2021	5,076	137920	
7/22/2021	5,125	137922	
7/22/2021	5,125	137927	
7/22/2021	5,076	137923	
7/22/2021	5,125	137925	
7/22/2021	5,125	137926	
7/23/2021	5,076	137957	
7/23/2021	5,125	138900	
7/23/2021	5,076	137954	
7/23/2021	5,125	137956	
7/24/2021	5,125	138888	
7/24/2021	5,076	138890	
7/24/2021	5,125	138887	
7/24/2021	5,125	138889	
7/24/2021	5,076	138891	
7/25/2021	5,010	138868	
7/25/2021	5,124	138885	
7/25/2021	5,124	138886	
7/25/2021	5,000	138871	
7/26/2021	5,076	138870	
7/26/2021	5,125	138872	
7/26/2021	5,076	138873	
7/26/2021	5,125	138875	
7/27/2021	5,125	138846	

Table 9
Summary of Liquids Removed by Covanta
(April 23, 2021 - July 31, 2021)

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

7/27/2021	5,076	138848	
7/27/2021	5,125	138849	
7/27/2021	5,076	138850	
7/28/2021	5,125	138820	
7/28/2021	5,076	138816	
7/29/2021	5,125	138832	
7/29/2021	5,076	138830	
7/29/2021	5,076	138833	
7/29/2021	5,125	138835	
7/30/2021	5,076	138721	
7/30/2021	5,125	138723	
7/30/2021	5,125	138729	
7/30/2021	5,076	138722	
7/31/2021	5,000	138691	
7/31/2021	5,076	138689	
7/31/2021	5,125	138690	
7/31/2021	5,000	138688	
7/31/2021	5,076	138686	
Total	1,731,490		

RD-48 TR-18

50209607

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES	138331
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TI	5076	G
	2.					
	3.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide Code 155 Site arrival time 1:55 PM Site departure time 2:40 PM www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Owner's Printed/Typed Name <u>Adam Morris</u> Signature <u>Adam Morris</u> Month <u>7</u> Day <u>2</u> Year <u>21</u>						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <u>Bill Johnston</u> Signature <u>Bill Johnston</u> Month <u>7</u> Day <u>2</u> Year <u>21</u> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
TRANSPORTER	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number _____					
	17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month _____ Day _____ Year _____					
DESIGNATED CONSIGNEE	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name <u>Jaqueline Navas</u> Signature <u>Jaqueline Navas</u> Month <u>7</u> Day <u>2</u> Year <u>21</u>					

50209606

4. Tracking Number
CES 139784

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

Shipper's Site Address (if different than mailing address)

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

Facility's Phone:

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
WL/Vol.

PLACARD?

YES ☐ NO ☒

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year

7 2 21

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

7 2 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

7 2 21

RD-40 TR-18

50210755

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138332
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384		
Facility's Phone:					
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 II	5200	G
		2.			
		3.			
		4.			
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
Trailer # TR-18 Emergency Response Guide 16 Site arrival time 6:40 AM Site departure time 9:45 AM www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name <i>Adam Harris</i>		Signature <i>Adam Harris</i>		Month Day Year 7 2 21	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name <i>Bill Schneider</i>		Signature <i>Bill Schneider</i>		Month Day Year 7 2 21	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Bill of Lading Reference Number:					
17b. Alternate Consignee (or Shipper) U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name <i>Megan Speedly</i>		Signature <i>M Speedly</i>		Month Day Year 7 2 21	

50211025

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

138244

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total

Quantity

12. Unit

Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1 TT 5120 G

PLACARD?

YES ☐ NO ☒

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-ho:

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

FOR

Signature

Month

Day

Year

EDDIE ANDERSON FOR ADAM HARRIS

Eddie Anderson

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month

Day

Year

TREVOR FOSTER

Trevor Foster

Transporter 2 Printed/Typed Name

Signature

Month

Day

Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month

Day

Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month

Day

Year

Jaqueline Abwas

Jaqueline Abwas

7

3

21

50211024

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138247
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	U	5125 G
	2.				
	3.				
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On bo. _____ Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name Adam Morris			Signature 		Month Day Year 08 03 21
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	16. Transporter Acknowledgment of Receipt of Materials				
TRANSPORTER	Transporter 1 Printed/Typed Name Danie Meneu			Signature 	
	Transporter 2 Printed/Typed Name			Signature	
DESIGNATED CONSIGNEE	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
	Bill of Lading Reference Number: _____ U.S. EPA ID Number				
17b. Alternate Consignee (or Shipper)					U.S. EPA ID Number
Facility's Phone:					
17c. Signature of Alternate Consignee (or Shipper)					Month Day Year
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name Jaqueline Nava			Signature 		Month Day Year 7 3 21

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138242
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384		
SHIPPER	9. Shipping Name and Description	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	PLACARD? YES ☐ NO ☐
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT	5120	G	None
	2.				PLACARD? YES ☐ NO ☐
	3.				PLACARD? YES ☐ NO ☐
	4.				PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: _____ Emergency Response Guide _____ Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON		Signature <i>Eddie Anderson</i>		Month Day Year 7 3 21	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name TREVOR FOSTER		Signature <i>Trevor Foster</i>		Month Day Year 7 3 21	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____					
17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name Jaque Line Navas		Signature <i>Jaque Line Navas</i>		Month Day Year 7 3 21	

SHIPPER

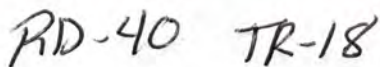
SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of		3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 138243		
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:						Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078				
6. Transporter 1 Company Name Covanta Environmental Solutions						U.S. EPA ID Number PAR000043026				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:						U.S. EPA ID Number NCR000135384				
HM	9. Shipping Name and Description					10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
						No.	Type			
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128					1	IT	5725	G	PLACARD? YES ☐ NO ☒ None
	2.									PLACARD? YES ☐ NO ☐
	3.									PLACARD? YES ☐ NO ☐
4.									PLACARD? YES ☐ NO ☐	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:										
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.										
Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON ^{FOR} ADAM HARRIS Signature <i>Eddie Anderson</i> Month 7 Day 4 Year 21										
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:										
16. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Bobby Jarrett Signature <i>Bobby Jarrett</i> Month 7 Day 4 Year 21										
Transporter 2 Printed/Typed Name Signature Month Day Year										
17. Discrepancy										
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection										
17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number										
Facility's Phone:										
17c. Signature of Alternate Consignee (or Shipper) Month Day Year										
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a										
Printed/Typed Name Jaqueline Navas Signature <i>Jaqueline Navas</i> Month 7 Day 4 Year 21										



50211034

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES	138239
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G
	2.					PLACARD? YES ☐ NO ☒
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's Printed/Typed Name: <u>Alan Harris</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>5</u> Year: <u>21</u>						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	16. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name		Signature		Month Day Year	
TRANSPORTER	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
	17. Discrepancy					
DESIGNATED CONSIGNEE	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	17b. Alternate Consignee (or Shipper) U.S. EPA ID Number					
	17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name		Signature		Month Day Year		
Megan Speedling		[Signature]		7 5 21		

www.Covanta.com

SHIPPER

50211036

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138236
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER ↑ ↓ TRANSPORTER ↑ ↓ DESIGNATED CONSIGNEE	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125 G
		2.			
		3.			
		4.			
					12. Unit Wt./Vol.
					PLACARD? YES ☐ NO ☒
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
Trailer # _____ Emergency Response Guide On board _____ Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name Adam Harris			Signature 		Month Day Year 7 5 21
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Bobby Jamett			Signature 		Month Day Year 7 5 21
Transporter 2 Printed/Typed Name			Signature 		Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Bill of Lading Reference Number: _____ U.S. EPA ID Number					
17b. Alternate Consignee (or Shipper)					
Facility's Phone: _____					
17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name Megan Speedling			Signature 		Month Day Year 7 5 21

50211037

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138237	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT		5,000	P
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide on board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name _____ Signature <i>[Signature]</i> Month <u>7</u> Day <u>5</u> Year <u>21</u>						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name _____ Signature <i>[Signature]</i> Month <u>7</u> Day <u>5</u> Year <u>21</u> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
TRANSPORTER	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Bill of Lading Reference Number: _____ U.S. EPA ID Number _____					
	17b. Alternate Consignee (or Shipper) _____					
DESIGNATED CONSIGNEE	Facility's Phone: _____					
	17c. Signature of Alternate Consignee (or Shipper) _____ Month _____ Day _____ Year _____					
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name <i>Megan Speedling</i> Signature <i>[Signature]</i> Month <u>7</u> Day <u>5</u> Year <u>21</u>					

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138238	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains &lt;10% Gasoline), Comb liq, III, ERG# 128		TT	5125 G	PLACARD? YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Offoror's Printed/Typed Name FOR EDDIE AMPERSON ADAM HARRIS Signature <i>Eddie Anderson</i> Month 7 Day 5 Year 21						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Bobby Jarrett Signature <i>Bobby Jarrett</i> Month 7 Day 5 Year 21 Transporter 2 Printed/Typed Name Signature Month Day Year					
TRANSPORTER	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number					
	17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
DESIGNATED CONSIGNEE	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name Megan Speedling Signature <i>M Speedling</i> Month 7 Day 5 Year 21					

RD-40 TR-18

50211030

4. Tracking Number
CES 138241

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

9. Shipping Name and Description

10. Containers

No. Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1 TT

5076 G

PLACARD?

YES ☐ NO ☒

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guidebook
Site arrival time **6:40 AM**
Site departure time **9:00 AM**
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year

EDDIE ANDERSON **ADAM HARRIS**

Eddie Anderson

7 5 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Bill Johnston

Bill Johnston

7 5 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Megan Speedling

M Speedling

7 5 21

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138235
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	9. Shipping Name and Description		10. Containers		11. Total
			No.	Type	Quantity
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128		1	TT	5125 G
	2.				
	3.				
				12. Unit	
				Wt./Vol.	
				PLACARD? YES ☐ NO ☒	
				PLACARD? YES ☐ NO ☐	
				PLACARD? YES ☐ NO ☐	
				PLACARD? YES ☐ NO ☐	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide No. _____ Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON FOR ADAM HARRIS Signature <i>Eddie Anderson</i> Month <u>7</u> Day <u>4</u> Year <u>21</u>					
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____				
	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <i>Bobby Jarrett</i> Signature <i>Bobby Jarrett</i> Month <u>7</u> Day <u>4</u> Year <u>21</u>				
Transporter 2 Printed/Typed Name Signature _____ Month _____ Day _____ Year _____					
DESIGNATED CONSIGNEE	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: _____ U.S. EPA ID Number _____				
	Facility's Phone: _____				
17c. Signature of Alternate Consignee (or Shipper) _____ Month _____ Day _____ Year _____					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name <i>Jaqueline Navas</i> Signature <i>J Navas</i> Month <u>7</u> Day <u>6</u> Year <u>21</u>					

RD-40 TR-18

50211038

(800) 814-1204

4. Tracking Number
CES 138234

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq,
III, ERG# 128

1 TT 5076 G

PLACARD?

YES ☐ NO ☒

2. PLACARD?
YES ☐ NO ☐

3. PLACARD?
YES ☐ NO ☐

4. PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guide
Site arrival time **6:40 AM**
Site departure time **9:30 AM**
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Officer's Printed/Typed Name

Signature

Month Day Year
7 6 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 6 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year
7 6 21

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 6 21

Jacqueline Naves

J. Naves

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

RD-40 TR-18

50211275

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 138203	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:					Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions					U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:					U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
					No.	Type		
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb. liq. III, ERG# 128			1	TI	5076	G
	2.							
	3.							
	4.							
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:								
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.								
Shipper's Printed/Typed Name Adam Laterra					Signature 		Month Day Year 7 6 21	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:								
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Bill Johnston					Signature 		Month Day Year 7 6 21
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED CONSIGNEE	17. Discrepancy							
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number							
	17c. Signature of Alternate Consignee (or Shipper) Month Day Year							
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a								
Printed/Typed Name Jaqueline Navas					Signature 		Month Day Year 7 6 21	

50211041

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 138233

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Phone:

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

PLACARD?

YES ☐ NO ☒

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #:

Emergency Response Guide On-b

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Owner's Printed/Typed Name

Signature

Month Day Year

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Jaqueline Navas

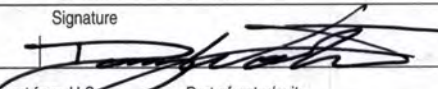
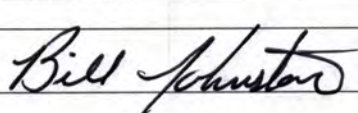
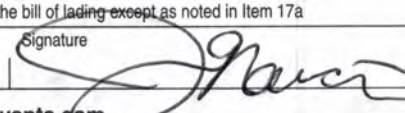
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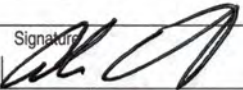
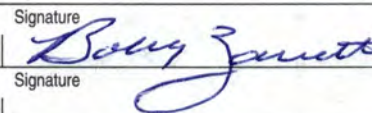
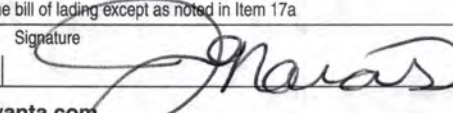
7 6 21

RD-40 TR-18

50211277

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138205
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TI	5076 G
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: TR-18 Emergency Response Guide On-br Site arrival time 6:40 Site departure time 8:20 www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name Danny Wooden		Signature 		Month Day Year 7 7 21	
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:		
	Transporter Signature (for exports only):				
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name Bill Johnston	Signature 	Month Day Year 7 7 21		
	Transporter 2 Printed/Typed Name	Signature	Month Day Year		
DESIGNATED CONSIGNEE	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
	Bill of Lading Reference Number:				
	17b. Alternate Consignee (or Shipper) U.S. EPA ID Number				
	Facility's Phone:				
17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name Suzeline Neves		Signature 		Month Day Year 7 7 21	

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138207	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
Facility's Phone:						
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						
Trailer # _____ Emergency Response Guide _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name Adam Harris		Signature 		Month Day Year 7 7 21		
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____				
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Bobby Joannett		Signature 		Month Day Year 7 7 21		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Truqueline Adams		Signature 		Month Day Year 7 7 21		

RD-40 TR-18

SO211278

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 138204		
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:					Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078				
6. Transporter 1 Company Name Covanta Environmental Solutions					U.S. EPA ID Number PAR000043026				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:					U.S. EPA ID Number NCR000135384				
SHIPPER	HM	9. Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
					No.	Type			
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128			1	TI	4900	G	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide Site arrival time 12:15 PM Site departure time 1:00 PM www.covanta.com									
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.									
Shipper's/Officer's Printed/Typed Name Tim Moyer for Adam Harris CPL					Signature <i>T. Moyer</i>		Month Day Year 7 7 21		
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:								
	Transporter Signature (for exports only):								
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name Bill Johnston					Signature <i>Bill Johnston</i>		Month Day Year 7 7 21	
	Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED CONSIGNEE	17. Discrepancy								
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number								
	Facility's Phone: 17c. Signature of Alternate Consignee (or Shipper) Month Day Year								
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a									
Printed/Typed Name Jaqueline Navas					Signature <i>J. Navas</i>		Month Day Year 7 7 21		



4. Tracking Number **CES** 138206

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9700 / Fax: 414-461-3612

50211282

BILL OF LADING

1. Shipper ID Number
NCVSOQ

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number
CES 138219

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128

TT

5225 G

PLACARD? YES ☐ NO ☐

2.

PLACARD? YES ☐ NO ☐

3.

PLACARD? YES ☐ NO ☐

4.

PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #
Emergency Response Guide On-board
Site arrival time
Site departure time
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Owner's Printed/Typed Name

Signature

Month Day Year
7 8 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 8 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Spaces

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 8 21

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SO211285

BILL OF LADING

1. Shipper ID Number
NCV5QG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES

138222

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR00043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCN00135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq.
III, ERG# 128

01

5725 G

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-b

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Printed/Typed Name

Adam Harris

Signature

Adam Harris

Month Day Year

07 08 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Steve Maxwell

Signature

Steve Maxwell

Month Day Year

07 08 21

Transporter 2 Printed/Typed Name

Signature

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17c

Printed/Typed Name

Saline Davis

Signature

Saline Davis

Month Day Year

07 08 21

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

50211287

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3612

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 138217

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Fayetteville NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total

Quantity

12. Unit

WL/Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

51

TT

5125

G

PLACARD?
YES ☐ NO ☐

2.

PLACARD?
YES ☐ NO ☐

3.

PLACARD?
YES ☐ NO ☐

4.

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #:

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Tim Meyer for Adam Harris CPL

Signature

T. Meyer

Month Day Year
10 08 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

James McNeill

Signature

James McNeill

Month Day Year
10 08 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 2

Printed/Typed Name

Kathleen Davis

Signature

Kathleen Davis

Month Day Year
10 08 21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

Corporate Office
5300 N 53rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-481-3812

50211284

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

138218

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128

1

TT

5725

G

PLACARD?
YES ☐ NO ☐

2.

PLACARD?
YES ☐ NO ☐

3.

PLACARD?
YES ☐ NO ☐

4.

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Adam Harris

Signature

Adam Harris

Month

Day

Year

7

8

21

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bobby Jarnett

Signature

Bobby Jarnett

Month

Day

Year

7

8

21

Transporter 2 Printed/Typed Name

Signature

Month

Day

Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month

Day

Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Kathleen Davis

Signature

Kathleen Davis

Month

Day

Year

7

8

21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

50211945

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53208
Phone: 800-842-0792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number
CES

138224

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro, NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	PLACARD? YES ☐ NO ☐
		No.	Type			
X	1. HA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128	1	TI	5735	G	PLACARD? YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #
Emergency Response Guide On-board
Site arrival time
Site departure time
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Client's Printed/Typed Name

Signature

Month Day Year
7 9 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 9 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name:

Signature

Month Day Year
7 9 21

www.Covanta.com

SHIPPER

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138229
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro, NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384		
SHIPPER	9. Shipping Name and Description		10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1. X NA1993, Combustible liquid, n.o.s., (Contains 84% Gasoline), Comb liq, III, ERG# 128		1	TI	5076 G
	2.				
	3.				
				PLACARD? YES ☐ NO ☐	
				PLACARD? YES ☐ NO ☐	
				PLACARD? YES ☐ NO ☐	
				PLACARD? YES ☐ NO ☐	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Owner's Printed/Typed Name: <u>John Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>					
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>Bill Johnston</u> Signature: <u>Bill Johnston</u> Month: <u>7</u> Day: <u>9</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____				
DESIGNATED CONSIGNEE	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper) _____ Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month: _____ Day: _____ Year: _____				
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a. Printed/Typed Name: <u>John Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>				

COVANTA
Environmental
Solutions

50211943

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-481-3812

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES 138228

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

9. Shipping Name and Description

10. Containers

No. Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains 84% Gasoline), Comb liq,
II, ERG# 128

1 TT 5125 G

PLACARD?
None
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Office's Printed/Typed Name

Signature

Month Day Year

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

RD-40 TR-18

50211946

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138198	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078				Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions				U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro, NC 27203 (336) 683-0911				U.S. EPA ID Number NCR000135384		
SHIPPER	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	PLACARD?
		No.	Type			YES ☐ NO ☐
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	4950	G	YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide 1.00 Site arrival time 1:00 PM Site departure time 2:20 PM www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's Officer's Printed/Typed Name: <u>Adam Harris</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>						
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:		Date leaving U.S.:	
	Transporter Signature (for exports only):					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials		Signature		Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>	
	Transporter 1 Printed/Typed Name: <u>Bill Johnston</u>		<u>[Signature]</u>		Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>	
TRANSPORTER	Transporter 2 Printed/Typed Name:		Signature		Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>	
DESIGNATED CONSIGNEE	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
17b. Alternate Consignee (or Shipper)						U.S. EPA ID Number
Facility's Phone:						
17c. Signature of Alternate Consignee (or Shipper)						Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name: <u>Kathleen Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>9</u> Year: <u>21</u>						

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

50212267

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-642-9762 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138133	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville, North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro, NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		1.				
	X	NA 1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5125	G
		2.				
		3.				
		4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name: <u>Danny Haden</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>10</u> Year: <u>21</u>						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>Dan McNeill</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>10</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
	17. Discrepancy 17a. Discrepancy Indication: Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper): _____ Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper): _____ Month: _____ Day: _____ Year: _____					
DESIGNATED CONSIGNEE	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a Printed/Typed Name: <u>Katherine Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>10</u> Year: <u>21</u>					

COVANTA
Environmental
Solutions

50212270

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number
CES

138118

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro, NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

9. Shipping Name and Description

10. Containers

No. Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X **NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq,**
II, ERG# 128

1 TT 5,125 G

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # _____
Emergency Response Guide On-board
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year

Tim Meyer for Adam Harris CPE

T. Meyer

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Jose Henriquez

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a.

Printed/Typed Name

Signature

Month Day Year

Kaline Davis

Kaline Davis

7 10 21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

50212269

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-451-3812

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES 138134

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro, NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

9. Shipping Name and Description

10. Containers

No. Type

11. Total

Quantity

12. Unit

Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains 84% Gasoline), Comb liq,
HT, ERG# 128

1 TL 5000 G

PLACARD?
YES ☐ NO ☐

2.

PLACARD?
YES ☐ NO ☐

3.

PLACARD?
YES ☐ NO ☐

4.

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year

7 10 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Material's

Transporter 1 Printed/Typed Name

Signature

Month Day Year

7 10 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17c.

Printed/Typed Name

Signature

Month Day Year

7 10 21

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

50212265

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53208
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number

NICVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES

138132

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville, North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro, NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq,
III, ERG# 128

01 TT

505 6

NO PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # _____
Emergency Response Guide On-board
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year
07 02 11

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:
Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
07 10 11

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year
7 10 11

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SHIPPER

COVANTA
Environmental
Solutions

50212286

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

4. Tracking Number
CES 138136

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of 1

3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

U.S. EPA ID Number
PAR000043026

U.S. EPA ID Number

U.S. EPA ID Number
NCR000135384

6. Transporter 1 Company Name
Covanta Environmental Solutions

7. Transporter 2 Company Name

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Printed/Typed Name

Signature

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Transporter 2 Printed/Typed Name

Signature

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year

7 11 21

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SHIPPER

COVANTA
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Solutions

50212285

Corporate Office
5300 N 33rd St. • Milwaukee, WI 53209
Phone: 800-842-9700 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of
1

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number
CES

138135

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078
Shipper's Phone:

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911
Facility's Phone:

U.S. EPA ID Number
NCR000135384

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X MA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq.
III, ERG# 128

1 11 5125 G

PLACARD?
None
YES ☐ NO ☐

2. PLACARD?
YES ☐ NO ☐

3. PLACARD?
YES ☐ NO ☐

4. PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # _____
Emergency Response Guide On-board
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year
7 11 21

Tim Moyer For Adam Harris CPL

Signature

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 11 21

CORBY TUCKER

Signature

Transporter 2 Printed/Typed Name

Signature

Month Day Year
7 11 21

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 11 21

Kaline Davis

Signature

www.Covanta.com

SHIPPER

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138148	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro, NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		1.				
	X	HA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq, II, ERG# 128	01	TT	5125	6
		2.				
		3.				
		4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's Name Printed/Typed Name: <u>Alan Shors</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>12</u> Year: <u>21</u>						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>John McNeil</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>12</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper) _____ Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month: _____ Day: _____ Year: _____					
DESIGNATED CONSIGNEE	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <u>Kaline Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>12</u> Year: <u>21</u>					

COVANTA
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Solutions

50212274

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

138147

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro, NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X 1A1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq,
HT, ERG# 128

1

TT

500

g

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Printed/Typed Name

Signature

Month Day Year

15. International Shipment

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year

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SHIPP

COVANTA
Environmental
Solutions

SO212281

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138146	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro, NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	PLACARD? YES ☐ NO ☐
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. II, ERG# 128	01 TT		5725	6	None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: _____ Emergency Response Guide On-board Site arrival time: _____ Site departure time: _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name Deric Reaper for Adam Harris Signature [Signature] Month Day Year 07 12 21						
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Transporter Signature (for exports only): Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dane Maxwell Signature [Signature] Month Day Year 02 12 21 Transporter 2 Printed/Typed Name Signature Month Day Year						
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: U.S. EPA ID Number: 17b. Alternate Consignee (or Shipper) Facility's Phone: 17c. Signature of Alternate Consignee (or Shipper) Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name Kalinelans Signature [Signature] Month Day Year 7 12 21						

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

50212276

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER
INT'L
TRANSPORTER
DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138149	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro, NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
X	1. HA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq, II, ERG# 128	1 TT		5.09	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PD#:						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's Name Printed/Typed Name Adam Harris				Signature 		Month Day Year 7 12 24
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:		
Transporter Signature (for exports only):						
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Jose Hernandez				Signature 		Month Day Year 7 12 21
Transporter 2 Printed/Typed Name				Signature 		Month Day Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Bill of Lading Reference Number:						
17b. Alternate Consignee (or Shipper)						
Facility's Phone:						
17c. Signature of Alternate Consignee (or Shipper)						
Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name Kathleen Davis						
Signature 						Month Day Year 7 12 21

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138129	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains 10% Gasoline), Comb liq, III, ERG# 128	01 TT		5125	6
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Owner's Printed/Typed Name: <u>Adam Harris</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>13</u> Year: <u>21</u>						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>Jana Mena</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>13</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
TRANSPORTER	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____					
	17b. Alternate Consignee (or Shipper) _____ U.S. EPA ID Number _____ Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month: _____ Day: _____ Year: _____					
DESIGNATED CONSIGNEE	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <u>Kaline Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>13</u> Year: <u>21</u>					

RD-40 TR-18

50212680

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138126
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro, NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT	TT	5076 G	PLACARD? YES ☐ NO ☐
	2.				PLACARD? YES ☐ NO ☐
	3.				PLACARD? YES ☐ NO ☐
	4.				PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name Deric Reaper for Adam Harris Signature [Signature] Month 7 Day 13 Year 21					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Bill Johnston Signature [Signature] Month 7 Day 13 Year 21 Transporter 2 Printed/Typed Name Signature [Signature] Month Day Year					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: U.S. EPA ID Number					
17b. Alternate Consignee (or Shipper) Facility's Phone: U.S. EPA ID Number					
17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name Khaline Davis Signature [Signature] Month 7 Day 13 Year 21					

COVANTA
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Solutions

50212685

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES 138130

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro, NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq,
III, ERG# 128

01 TT

5/25

6

PLACARD?
YES ☐ NO ☐

2.

PLACARD?
YES ☐ NO ☐

3.

PLACARD?
YES ☐ NO ☐

4.

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Officer's Printed/Typed Name

Signature

Month Day Year

07 13 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

07 13 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

07 13 21

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

07 13 21

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SHIPPER

RD-40 TR-18

50212678

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-642-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138113	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		1.				
	X	NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT TT	5076	G
		2.				
		3.				
		4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide On-board Site arrival time 6:35 AM Site departure time 8:10 AM www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name <u>Adam Harris</u> Signature <u>[Signature]</u> Month <u>7</u> Day <u>13</u> Year <u>21</u>						
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <u>Bill Johnston</u> Signature <u>Bill Johnston</u> Month <u>7</u> Day <u>13</u> Year <u>21</u>					
	Transporter 2 Printed/Typed Name Signature Month Day Year					
DESIGNATED CONSIGNEE	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: U.S. EPA ID Number					
	17b. Alternate Consignee (or Shipper) Facility's Phone: U.S. EPA ID Number					
	17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name <u>Melinda Davis</u> Signature <u>[Signature]</u> Month <u>7</u> Day <u>13</u> Year <u>21</u>					

COVANTA

Environmental Solutions

50212856

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138054	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01 TT		5125	6	PLACARD? Name YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #_____ Emergency Response Guide On-bo Site arrival time_____ Site departure time_____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Owner's Printed/Typed Name Mam Harris		Signature [Signature]		Month Day Year 07 15 21		
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:				
Transporter Signature (for exports only):						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name J.M. McNeill		Signature [Signature]		Month Day Year 07 18 21		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Bill of Lading Reference Number:						
17b. Alternate Consignee (or Shipper) U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Consignee (or Shipper) Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Khaline Davis		Signature [Signature]		Month Day Year 7 15 21		

www.Covanta.com

SHIPPER

RD-40
JR-18

50212848

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138091
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.
	X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128	1 TT	5076 G	PLACARD? YES ☒ NO ☐
		2.			PLACARD? YES ☐ NO ☐
		3.			PLACARD? YES ☐ NO ☐
		4.			PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Owner's Printed/Typed Name Adam Morris			Signature [Signature]		Month Day Year 7 15 21
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:		
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name Bill Johnston		Signature [Signature]		Month Day Year 7 15 21
DESIGNATED CONSIGNEE	Transporter 2 Printed/Typed Name		Signature		Month Day Year
	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
	17b. Alternate Consignee (or Shipper) U.S. EPA ID Number				
Facility's Phone:					
17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name Kathleen Davis			Signature [Signature]		Month Day Year 7 15 21

COVANTA

Environmental Solutions

SO212853

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER
INT'L
TRANSPORTER
DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138053
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384		
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01 TT		5125	6
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name: <u>Peric Reaper For Adam Harris</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>15</u> Year: <u>21</u>					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>[Signature]</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>15</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month: _____ Day: _____ Year: _____					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <u>Kalene Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>15</u> Year: <u>21</u>					

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SHIPPER

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BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138041	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01 TT		5125	6	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						
Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Owner's Printed/Typed Name Adam Harris			Signature 		Month Day Year 07 16 21	
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____			
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name Danie Merrill			Signature 		Month Day Year 07 16 21
	Transporter 2 Printed/Typed Name			Signature		Month Day Year
DESIGNATED CONSIGNEE	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Bill of Lading Reference Number: _____ U.S. EPA ID Number					
	17b. Alternate Consignee (or Shipper)					
	Facility's Phone: _____					
	17c. Signature of Alternate Consignee (or Shipper)					
	Month Day Year					
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
	Printed/Typed Name Haline Davis			Signature 		Month Day Year 07 16 21

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SHIPPER

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50212844

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of 1	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138038	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128	1	TV	5124	G
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Owner's Printed/Typed Name Adam Harris		Signature 		Month Day Year 7 16 21		
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____			
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials		Signature		Month Day Year	
	Transporter 1 Printed/Typed Name James Rather				7 16 21	
DESIGNATED CONSIGNEE	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection		Bill of Lading Reference Number: _____			
	17b. Alternate Consignee (or Shipper)		U.S. EPA ID Number			
	Facility's Phone: _____					
17c. Signature of Alternate Consignee (or Shipper)				Month Day Year		
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a		Printed/Typed Name Maline Davis		Signature 		Month Day Year 7 16 21

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SHIPPER

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Environmental Solutions

50212840

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138042	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128	01 TT		5725	G
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-bo Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Offor's Printed/Typed Name Deric Reaper for Adam Harris Signature _____ Month 07 Day 16 Year 21						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	Transporter Signature (for exports only): _____					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Jame Mercede Signature _____ Month 07 Day 16 Year 21 Transporter 2 Printed/Typed Name Signature _____ Month _____ Day _____ Year _____					
DESIGNATED CONSIGNEE	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number _____ 17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month _____ Day _____ Year _____					
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name Signature _____ Month 7 Day 16 Year 21					

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SHIPPER

COVANTA

Environmental Solutions

50212843

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9732 Fax: 414-461-3812

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of 1	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138040	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT 5124 G				PLACARD? YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #_____ Emergency Response Guide On-board Site arrival time_____ Site departure time_____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name Deric Repper For Adam Harris			Signature 		Month Day Year 7 16 21	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name James Rather			Signature 		Month Day Year 7 16 21	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Consignee (or Shipper) Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Katherine Davis			Signature 		Month Day Year 7 16 21	

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SHIPPER

COVANTA
Environmental
Solutions

50213135

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138044		
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078				
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384				
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
		1.					
	X	NA1993, Combustible liquid, n.o.s., (Contains 10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G	PLACARD? None YES ☐ NO ☐
		2.					PLACARD? YES ☐ NO ☐
		3.					PLACARD? YES ☐ NO ☐
		4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						RD38 Trailer # 60 Emergency Response Guide On-bo Site arrival time _____ Site departure time _____ www.covanta.com	
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name Deric Reape for Adam Harris Signature [Signature] Month Day Year 7 17 21							
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name TREVOR FOSTER Signature Trevor Foster Month Day Year 7 17 21 Transporter 2 Printed/Typed Name Signature Month Day Year						
DESIGNATED CONSIGNEE	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number _____						
	17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year						
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a Printed/Typed Name Khaline Davis Signature [Signature] Month Day Year 7 17 21						

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SHIPPER

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50213134

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138045	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT 5100 G				PLACARD? NONE YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR18 Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name Deric Reaper For Adam Harris				Signature 		Month Day Year 7/17/21
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Tim Klaus				Signature 		Month Day Year 7/17/21
Transporter 2 Printed/Typed Name				Signature		Month Day Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Bill of Lading Reference Number: _____						
17b. Alternate Consignee (or Shipper) U.S. EPA ID Number						
Facility's Phone: _____						
17c. Signature of Alternate Consignee (or Shipper) Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Kalline Davis				Signature 		Month Day Year 7/17/21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

50213136

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9752 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 138043	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:					Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions					U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:					U.S. EPA ID Number NCR000135384			
SHIPPER INT'L TRANSPORTER DESIGNATED CONSIGNEE	HM	9. Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.
					No.	Type		
	X	1. NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq. III, ERG# 128			1	TT	5125	G
		2.						
		3.						
		4.						
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: RP38 Trailer # 60 Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com								
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name Deric Reaper for Adam Harris Signature Differ Month Day Year 7 17 21								
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter Signature (for exports only): _____								
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name TREVOR FOSTER Signature Trevor Foster Month Day Year 7 17 21 Transporter 2 Printed/Typed Name Signature Month Day Year								
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ 17b. Alternate Consignee (or Shipper) U.S. EPA ID Number Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) Month Day Year								
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a Printed/Typed Name haline Davis Signature haline Davis Month Day Year 7 17 21								

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SHIPPER

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Solutions

SO213133

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9752 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138046
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1.				
	X	NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	5725 G
	2.				
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
Trailer # 34 Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name <i>Deric Rooper for Adam Harris</i>					
Signature <i>[Signature]</i>					
Month Day Year <i>07 15 24</i>					
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
Transporter Signature (for exports only): _____					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <i>Jane Newell</i>				
	Signature <i>[Signature]</i>				
Month Day Year <i>07 15 24</i>					
Transporter 2 Printed/Typed Name					
Signature					
Month Day Year					
DESIGNATED CONSIGNEE	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
	Bill of Lading Reference Number:				
	17b. Alternate Consignee (or Shipper)				
	U.S. EPA ID Number				
Facility's Phone:					
17c. Signature of Alternate Consignee (or Shipper)					
Month Day Year					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name <i>Kalene Davis</i>					
Signature <i>[Signature]</i>					
Month Day Year <i>7 17 24</i>					

COVANTA
Environmental
Solutions

50213141

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138048
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384		
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
X	1. NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT 5000		G	PLACARD? None YES ☐ NO ☐
	2.				PLACARD? YES ☐ NO ☐
	3.				PLACARD? YES ☐ NO ☐
	4.				PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: RD 43					
Trailer # 18 Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name Desire Reaper		Signature 		Month Day Year 7/18/21	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____			
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Greg Hunsicker		Signature 		Month Day Year 7/18/21	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
17. Discrepancy					
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
Bill of Lading Reference Number:				U.S. EPA ID Number	
17b. Alternate Consignee (or Shipper)					
Facility's Phone:					
17c. Signature of Alternate Consignee (or Shipper)				Month Day Year	
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name Maline Davis		Signature 		Month Day Year 7/18/21	

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SHIPPER

COVANTA
Environmental
Solutions

50213131

RD35

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of 1

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number
CES 138047

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

9. Shipping Name and Description

10. Containers

No. Type

11. Total
Quantity

12. Unit
Wt./Vol.

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

1. X NA1993, Combustible liquid, n.o.s., (Contains 10% Gasoline), Comb liq,
III, ERG# 128

1 TT 3019 G

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **600**
Emergency Response Guide On-board
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year
7 18 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 18 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year
7 18 21

www.Covanta.com

SHIPPER

KD 42 TR 53

50213139

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138049
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384		
SHIPPER ↑ ↓ TRANSPORTER ↑ ↓ DESIGNATED CONSIGNEE ↑ ↓	HM	9. Shipping Name and Description	10. Containers	11. Total Quantity	12. Unit Wt./Vol.
			No. Type		
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT	5,125	G
		2.			
		3.			
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name: <u>Deric Reaper</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>18</u> Year: <u>21</u>					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>Jose Henriquez</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>18</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month: _____ Day: _____ Year: _____					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <u>Kaline Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>18</u> Year: <u>21</u>					

50213991

4. Tracking Number **CES 137995**

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

9. Shipping Name and Description

10. Containers
No. Type

11. Total
Quantity

12. Unit
Wt./Vol.

PLACARD?
YES ☒ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

1. X NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq,
III, ERG# 128

1 TT 5000 G

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR33**
Emergency Response Guide On-board
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year
7 19 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 19 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 19 21

50213847

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138028	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	01	TT	575	6
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On board Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name: <u>Adam Roberts</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>19</u> Year: <u>21</u>						
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>Dan E. Moore</u> Signature: <u>[Signature]</u> Month: <u>07</u> Day: <u>19</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
DESIGNATED CONSIGNEE	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month: _____ Day: _____ Year: _____					
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <u>Kathleen Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>19</u> Year: <u>21</u>					

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 137990

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq.
III, ERG# 128

1

TT

5125

G

PLACARD?

YES ☐ NO ☐

2.

PLACARD?

YES ☐ NO ☐

3.

PLACARD?

YES ☐ NO ☐

4.

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #:

Emergency Response Guide On Board

Site arrival time:

Site departure time:

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year

Robert Murray

Robert Murray

7 19 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Robert Murray

Robert Murray

7 19 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Maline Davis

Maline Davis

7 19 21

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138009
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER ↑ ↓ INT'L ↓ TRANSPORTER ↓ DESIGNATED CONSIGNEE ↓	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125 G
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: _____ Emergency Response Guide On board _____ Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name <i>FOR EDDIE ANDERSON ADAM HARRIS</i> Signature <i>Eddie Anderson</i> Month <i>7</i> Day <i>19</i> Year <i>21</i>					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>Bobby Jarroff</i> Signature <i>Bobby Jarroff</i> Month <i>7</i> Day <i>13</i> Year <i>21</i> Transporter 2 Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number _____ 17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month _____ Day _____ Year _____					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name <i>Kalene Davis</i> Signature <i>Kalene Davis</i> Month <i>7</i> Day <i>19</i> Year <i>21</i>					

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138010
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions				U.S. EPA ID Number PAR000043026	
7. Transporter 2 Company Name				U.S. EPA ID Number	
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911				U.S. EPA ID Number NCR000135384	
SHIPPER	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq III, ERG# 128	01	TT	5725	6
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON		Signature <i>FOR ADAM HAIZEL'S</i>		Month Day Year 07 18 21	
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:				
	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <i>James Marshall</i>		Signature <i>James Marshall</i>		Month Day Year 07 19 21
TRANSPORTER	Transporter 2 Printed/Typed Name		Signature		Month Day Year
	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
DESIGNATED CONSIGNEE	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number				
	Facility's Phone:				
	17c. Signature of Alternate Consignee (or Shipper) Month Day Year				
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a				
Printed/Typed Name Kaline Davis		Signature <i>Kaline Davis</i>		Month Day Year 7 19 21	

COVANTA

Environmental Solutions

50214195

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES

137987

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

TT

525

G

PLACARD?
YES ☐ NO ☐

2.

PLACARD?
YES ☐ NO ☐

3.

PLACARD?
YES ☐ NO ☐

4.

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #: _____
Emergency Response Guide: _____
Site arrival time: _____
Site departure time: _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Owner's Printed/Typed Name

Signature

Month Day Year

Adam Harris

Adam Harris

7 20 21

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Bobby Barnett

Bobby Barnett

7 20 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Kathleen Davis

Kathleen Davis

7 20 21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

RD-40 TR-18

Corporate Office
5300 N 53rd St. • Milwaukee, WI 53209
Phone: 800-842-8792 Fax: 414-461-3812

SO214198

4. Tracking Number
CES 138007

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Phone:

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

9. Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq.
III, ERG# 128

1 TT

5076 G

PLACARD?
YES ☒ None ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guide On
Site arrival time **7:10 AM**
Site departure time **9:20 AM**
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year
7 20 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 20 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year
7 20 21

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53208
Phone: 800-842-9792 Fax: 414-461-3812

50214283

4. Tracking Number
CES 138000

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of 3
3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

9. Shipping Name and Description

10. Containers

11. Total
Quantity

12. Unit
Wt./Vol.

HM

No.

Type

PLACARD?
YES ☐ NO ☐

1. X NA1993, Combustible liquid, n.o.s., (Contains 81% Gasoline), Comb liq, III, ERG# 128

01

TT

565

6

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #
Emergency Response Guide
Site arrival time
Site departure time
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Printed/Typed Name

Signature

Month Day Year
07 20 21

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Signature

Month Day Year
07 20 21

Transporter 1 Printed/Typed Name

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 20 21

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

SO214194

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3612

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

137998

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total

Quantity

12. Unit

Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq.
III, ERG# 128

TT

5125

G

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

EDDIE ANDERSON

FOR ADAM HARRIS

Signature

Eddie Anderson

Month

Day

Year

7 20 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bobby Smith

Signature

Bobby Smith

Month

Day

Year

7 20 21

Transporter 2 Printed/Typed Name

Signature

Month

Day

Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month

Day

Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Kalene Davis

Signature

Kalene Davis

Month

Day

Year

7 20 21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

RD-40 TR18

SO214196

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-642-9793 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 137968	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
SHIPPER	9. Shipping Name and Description	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	PLACARD?	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT	5000 G		YES ☐ NO ☐	
	2.				PLACARD? YES ☐ NO ☐	
	3.				PLACARD? YES ☐ NO ☐	
	4.				PLACARD? YES ☐ NO ☐	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide Site arrival time 12:45 Site departure time 2:00 www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's Signature: <i>Adam Harris</i> Signature: <i>Chad</i> Month: 7 Day: 20 Year: 21						
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
	16. Transporter Acknowledgment of Receipt of Materials Transporter Signature (for exports only): Transporter 1 Printed/Typed Name: <i>Bill Schroder</i> Signature: <i>Bill Schroder</i> Month: 7 Day: 20 Year: 21 Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:					
DESIGNATED CONSIGNEE	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: U.S. EPA ID Number:					
	17b. Alternate Consignee (or Shipper) Facility's Phone: U.S. EPA ID Number:					
	17c. Signature of Alternate Consignee (or Shipper) Month: Day: Year:					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <i>Kathleen Davis</i> Signature: <i>Kathleen Davis</i> Month: 7 Day: 20 Year: 21						

www.Covanta.com

SHIPPER

COVANTA

Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9771 Fax: 414-461-3812

50214334

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

137969

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1

TT

5/25

6

PLACARD?

YES ☐ NO ☒

2.

PLACARD?

YES ☐ NO ☐

3.

PLACARD?

YES ☐ NO ☐

4.

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # _____
Emergency Response Guide _____
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Officer's Printed/Typed Name

Signature

Month Day Year

Adam Harris

[Signature]

7 21 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Bobby Jones

[Signature]

7 21 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Kaline Davis

[Signature]

7 21 21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

RD-40 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-481-3812

SO214332

BILL OF LADING

1. Shipper ID Number

NCV5QG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

137967

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1

TT

5076G

PLACARD?
YES ☐ NO ☐

2.

PLACARD?
YES ☐ NO ☐

3.

PLACARD?
YES ☐ NO ☐

4.

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guide Card
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Signature/Printed/Typed Name

Signature

Month Day Year
7 21 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bill Schuster

Signature

Bill Schuster

Month Day Year
7 21 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17b

Printed/Typed Name

Kalene Davis

Signature

Kalene Davis

Month Day Year
7 21 21

www.Covanta.com

SHIPPER

COVANTA Environmental Solutions

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9782 Fax: 414-461-3812

50214335

4. Tracking Number
CES 137971

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq,
III, ERG# 128

1

TT

5125 G

PLACARD?
YES ☐ NO ☒

2.

PLACARD?
YES ☐ NO ☐

3.

PLACARD?
YES ☐ NO ☐

4.

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # _____
Emergency Response Guide _____
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

FOR
EDDIE ANDERSON ADAM HARRIS

Signature

Eddie Anderson

Month Day Year
7 21 21

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

ISOBEL JARRET

Signature

Isobel Jarrett

Month Day Year
7 21 21

Transporter 2 Printed/Typed Name

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

Bill of Lading Reference Number

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Kaline Davis

Signature

Kaline Davis

Month Day Year
7 21 21

www.Covanta.com

SHIPPER

COVANTA
Environmental
Solutions

RD-40 JR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53208
Phone: 800-842-9792 Fax: 414-461-3812

CO314333

(800) 814-1204

4. Tracking Number
CES 137970

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PA0000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total

Quantity

12. Unit

Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq.
III, ERG# 128

1

TT

5076 G

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # JR-18

Emergency Response Guide

Site arrival time 1:15 PM

Site departure time 2:00

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Officer's Printed/Typed Name

Adam Harris

Signature

[Signature]

Month Day Year

7 21 21

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bill Johnston

Signature

[Signature]

Month Day Year

7 21 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Kalene Davis

Signature

[Signature]

Month Day Year

7 21 21

www.Covanta.com

SHIPPER

RD-40 TR-18

SO214336

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 137920	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:					Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions					U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:					U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128			1 / TT		5076 G	PLACARD? YES ☐ NO ☐
	2.							PLACARD? YES ☐ NO ☐
	3.							PLACARD? YES ☐ NO ☐
	4.							PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guidebook # 6.40 Site arrival time 8:50 Site departure time 8:50 www.covanta.com								
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.								
Shipper's/Officer's Printed/Typed Name Adam Harris					Signature <i>[Signature]</i>		Month Day Year 7 22 21	
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:							
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Bill Johnston					Signature <i>[Signature]</i>		Month Day Year 7 22 21
DESIGNATED CONSIGNEE	Transporter 2 Printed/Typed Name					Signature		Month Day Year
	17. Discrepancy							
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	17b. Alternate Consignee (or Shipper) U.S. EPA ID Number							
Facility's Phone:								
17c. Signature of Alternate Consignee (or Shipper)								
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a								
Printed/Typed Name Kalinda Davis					Signature <i>[Signature]</i>		Month Day Year 7 22 21	

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 137922	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125 G	PLACARD? YES ☐ NO ☒ None
		2.				PLACARD? YES ☐ NO ☐
		3.				PLACARD? YES ☐ NO ☐
		4.				PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Trailer #: Shipper's/Officer's Printed/Typed Name <i>Adam Chior</i> Signature <i>[Signature]</i> Month Day Year 7 22 21 15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.: 16. Transporter Acknowledgment of Receipt of Materials Trailer #: Transporter 1 Printed/Typed Name <i>Bobby Jarrett</i> Signature <i>[Signature]</i> Month Day Year 7 22 21 Transporter 2 Printed/Typed Name Signature Month Day Year						
TRANSPORTER	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	17b. Alternate Consignee (or Shipper)					
DESIGNATED CONSIGNEE	Facility's Phone:					
	17c. Signature of Alternate Consignee (or Shipper)					
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a					
	Printed/Typed Name <i>Kalined Davis</i> Signature <i>[Signature]</i> Month Day Year 7 22 21					

SO214810

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 137927

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Phone:

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, I, TT 5,125 G

PLACARD?

YES ☐ NO ☒

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #:

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Owner's Printed/Typed Name

Signature

Month Day Year
7 22 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 22 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 22 21

RD-40 TR-18

50214337

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 137923		
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:					Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078				
6. Transporter 1 Company Name Covanta Environmental Solutions					U.S. EPA ID Number PAR000043026				
7. Transporter 2 Company Name					U.S. EPA ID Number				
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:					U.S. EPA ID Number NCR000135384				
HM	9. Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	PLACARD? YES ☐ NO ☐	
				No.	Type				
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128			1	TT	5076	G		YES ☐ NO ☐
	2.								PLACARD? YES ☐ NO ☐
	3.								PLACARD? YES ☐ NO ☐
4.								PLACARD? YES ☐ NO ☐	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com									
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.									
Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON FOR ADAM HARRIS					Signature <i>Eddie Anderson</i>		Month Day Year 7 22 21		
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Bill Johnston					Signature <i>Bill Johnston</i>		Month Day Year 7 22 21		
Transporter 2 Printed/Typed Name					Signature		Month Day Year		
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: _____ U.S. EPA ID Number _____									
Facility's Phone: _____									
17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____									
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a									
Printed/Typed Name Kalinel Davis					Signature <i>Kalinel Davis</i>		Month Day Year 7 22 21		

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 137925	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	
1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1		5725	G	PLACARD? YES ☐ NO ☒
2.						PLACARD? YES ☐ NO ☐
3.						PLACARD? YES ☐ NO ☐
4.						PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-po: _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name Tim Moyer for Adam Harris CPL			Signature J. L. Moyer		Month Day Year 7 22 21	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.			Port of entry/exit: _____ Date leaving U.S.: _____			
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name L. B. B. J. J. J.			Signature Bobby J. J.		Month Day Year 7 22 21	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
Bill of Lading Reference Number: _____						
17b. Alternate Consignee (or Shipper)						
Facility's Phone: _____						
17c. Signature of Alternate Consignee (or Shipper)						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Kathleen Davis			Signature Kathleen Davis		Month Day Year 7 22 21	

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of		3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 137926	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078						Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions						U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name						U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911						U.S. EPA ID Number NCR000135384			
SHIPPER ↑ ↓ TRANSPORTER ↑ ↓ DESIGNATED CONSIGNEE	HM	9. Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
					No.	Type			
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128			1	TT	5,125	G	PLACARD? None YES ☐ NO ☐
		2.							PLACARD? YES ☐ NO ☐
		3.							PLACARD? YES ☐ NO ☐
	4.							PLACARD? YES ☐ NO ☐	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:									
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON FOR ADAM HARRIS Signature <i>Eddie Anderson</i> Month Day Year									
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:									
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Jose Hernandez Signature <i>Jose Hernandez</i> Month Day Year 7 22 21 Transporter 2 Printed/Typed Name Signature Month Day Year									
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: U.S. EPA ID Number									
17b. Alternate Consignee (or Shipper) Facility's Phone: U.S. EPA ID Number									
17c. Signature of Alternate Consignee (or Shipper) Month Day Year									
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name Kaline Davis Signature <i>Kaline Davis</i> Month Day Year 7 22 21									

RD-40 TR-18

50714341

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 137957	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit WT./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb Lq, III, ERG# 128	1 TT		5076 G	PLACARD? YES ☐ NO ☒
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's Officer's Printed/Typed Name Adam Harris			Signature <i>Adam Harris</i>		Month Day Year 7 23 21	
TRANSPORTER	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
	16. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name Bill Johnston			Signature <i>Bill Johnston</i>		Month Day Year 7 23 21
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
DESIGNATED CONSIGNEE	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Bill of Lading Reference Number:					
	17b. Alternate Consignee (or Shipper) U.S. EPA ID Number					
	Facility's Phone:					
17c. Signature of Alternate Consignee (or Shipper) Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Kathleen Davis			Signature <i>Kathleen Davis</i>		Month Day Year 7 23 21	

50214343

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138900	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	C
		2.				
		3.				
		4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name Tino Moya For Adam Harris CPL Signature T.L. Moya Month Day Year 7 23 21						
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter Signature (for exports only): _____					
	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Bobby J. Jarratt Signature Bobby Jarratt Month Day Year 7 23 21 Transporter 2 Printed/Typed Name Signature Month Day Year					
TRANSPORTER	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ 17b. Alternate Consignee (or Shipper) U.S. EPA ID Number Facility's Phone: 17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
DESIGNATED CONSIGNEE	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a Printed/Typed Name Khaline Davis Signature Khaline Davis Month Day Year 7 23 21					

RD-40 TR-18

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

50214340

4. Tracking Number
CES 137954

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Phone:

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb Lq, III, ERG# 128

1 TT

507L G

PLACARD?

YES ☐ NO ☒

2. PLACARD?
YES ☐ NO ☐

3. PLACARD?
YES ☐ NO ☐

4. PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**

Emergency Response Guide On board

Site arrival time **7:00 AM**

Site departure time **9:30 AM**

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Owner's Printed/Typed Name

Signature

Month Day Year

Adam Harris

CH

7 23 21

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Bill Johnston

Bill Johnston

7 23 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Kalene Davis

Kalene Davis

7 23 21

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 137956	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:				Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions				U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:				U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125	G
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name <i>Darryl Wooten</i>				Signature <i>Darryl Wooten</i>		Month Day Year 7 23 21
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>Bobby Samett</i>				Signature <i>Bobby Samett</i>		Month Day Year 7 23 21
Transporter 2 Printed/Typed Name				Signature		Month Day Year
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name <i>Kaline Davis</i>				Signature <i>Kaline Davis</i>		Month Day Year 7 23 21

50214346

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138888	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains 81% Gasoline), Comb liq, III, ERG# 128	01 TT		5725	6
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # 34 Emergency Response Guide On-board Site arrival time 1210 Site departure time 1340 www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name		Signature		Month	Day	Year
EDDIE ANDERSON FOR ADAM HARRIS		Eddie Anderson		07	24	21
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit:		Date leaving U.S.:	
Transporter Signature (for exports only):						
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials		Signature		Month	Day
	Transporter 1 Printed/Typed Name Danie McVee		Danie McVee		07	24
Transporter 2 Printed/Typed Name		Signature		Month	Day	Year
DESIGNATED CONSIGNEE	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Bill of Lading Reference Number:					
	17b. Alternate Consignee (or Shipper)					
U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Consignee (or Shipper)						
Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a						
Printed/Typed Name Halina Davis		Signature Halina Davis		Month	Day	Year
				07	24	21

RD-40 TR-18

50214344

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 138890	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:					Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions					U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:					U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128			1 TT		5076 G	PLACARD? YES ☐ NO ☒ None
	2.							PLACARD? YES ☐ NO ☐
	3.							PLACARD? YES ☐ NO ☐
	4.							PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: TR-18 Emergency Response Guide Site arrival time 11:30 AM Site departure time 12:10 PM www.covanta.com								
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.								
Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON FOR ADAM HARRIS					Signature <i>Eddie Anderson</i>		Month Day Year 7 24 21	
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:							
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Bill Johnston					Signature <i>Bill Johnston</i>		Month Day Year 7 24 21
Transporter 2 Printed/Typed Name					Signature		Month Day Year	
DESIGNATED CONSIGNEE	17. Discrepancy							
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	Bill of Lading Reference Number:							
	17b. Alternate Consignee (or Shipper) U.S. EPA ID Number							
Facility's Phone:								
17c. Signature of Alternate Consignee (or Shipper) Month Day Year								
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a								
Printed/Typed Name halina davis					Signature <i>halina davis</i>		Month Day Year 7 24 21	

50214347

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138887
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shippers Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER ↑ ↓ TRANSPORTER ↑ ↓ DESIGNATED CONSIGNEE ↑ ↓	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	505 G
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name: <u>Darryl Wooster</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>27</u> Year: <u>21</u>					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>Bobby Jarnett</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>27</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper) _____ Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month: _____ Day: _____ Year: _____					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <u>Maline Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>24</u> Year: <u>21</u>					

50214345

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES 138889

5. Shipper's Name and Mailing Address
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)
Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name
Covanta Environmental Solutions

U.S. EPA ID Number
PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address
Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number
NCR000135384

9. Shipping Name and Description

10. Containers
No. Type

11. Total
Quantity

12. Unit
Wt./Vol.

PLACARD?
None YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

01 TT 5125 G

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #
Emergency Response Guide On-board
Site arrival time
Site departure time
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year
07 24 21

15. International Shipments ☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:
Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
07 24 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 24 21

RD-40 TR-18

50214348

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 138891

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq,
III, ERG# 128

1

TT

5076 G

PLACARD?
YES ☐ NO ☒

2. PLACARD?
YES ☐ NO ☐

3. PLACARD?
YES ☐ NO ☐

4. PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guide On-board
Site arrival time **6:25 AM**
Site departure time **8:00 AM**
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

FOR

ADAM HARRIS

Signature

Eddie Anderson

Month Day Year
7 24 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bill Johnston

Signature

Bill Johnston

Month Day Year
7 24 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Kalene Davis

Signature

Kalene Davis

Month Day Year
7 24 21

50215438

4. Tracking Number
CES 138868

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128

1

TT

5010 gal

PLACARD?

YES ☐ NO ☒

2.

PLACARD?

YES ☐ NO ☐

3.

PLACARD?

YES ☐ NO ☐

4.

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #: _____
Emergency Response Guide _____
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

FOR

Signature

Month Day Year

EDDIE ANDERSON FOR ADAM HARRIS

Eddie Anderson

7 25 21

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

James Green

James Green

7 25 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

Bill of Lading Reference Number:

U.S. EPA ID Number

17b. Alternate Consignee (or Shipper)

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Kalene Davis

Kalene Davis

7 25 21

50214350

4. Tracking Number **CES 138885**

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of 1

3. Emergency Response Phone
(800) 814-1204

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

9. Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128

1 • TT 5124 G

PLACARD?

YES ☐ NO ☐

2. PLACARD? YES ☐ NO ☐

3. PLACARD? YES ☐ NO ☐

4. PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On-board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

FOR

Signature

Month Day Year

EDDIE ANDERSON ADAM HARRIS

Eddie Anderson

7 25 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

JAMES PRATHER

James Prather

7 25 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

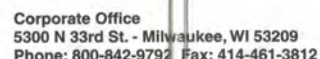
Month Day Year

halene Davis

Halene Davis

7 25 21

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of 1	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138886	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
		1. X NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq, III, ERG# 128	1	TT	5124	G
		2.				
		3.				
		4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name EDDIE ANDERSON		Signature Eddie Anderson		Month Day Year 7 25 21		
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
	Transporter Signature (for exports only):					
	16. Transporter Acknowledgment of Receipt of Materials					
TRANSPORTER	Transporter 1 Printed/Typed Name James Prather		Signature James Prather		Month Day Year 7 25 21	
	Transporter 2 Printed/Typed Name		Signature		Month Day Year	
DESIGNATED CONSIGNEE	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	Bill of Lading Reference Number: _____					
	17b. Alternate Consignee (or Shipper)					U.S. EPA ID Number
	Facility's Phone:					
	17c. Signature of Alternate Consignee (or Shipper)					Month Day Year
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Haline Davis		Signature Haline Davis		Month Day Year 7 25 21		



50215437

www.Covanta.com

SHIPPER

RD-40 JR-18

50205381

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138870	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Raleigh NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
SHIPPER ↑ ↓ TRANSPORTER ↑ ↓ DESIGNATED CONSIGNEE ↑ ↓	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076 G	PLACARD? YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Trailer # TR-18 Shipper's/Officer's Printed/Typed Name <i>Danny Woodley</i> Signature <i>[Signature]</i> Month Day Year 7 26 21 15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Transporter Signature (for exports only): 16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>Bill Johnston</i> Signature <i>[Signature]</i> Transporter 2 Printed/Typed Name Signature Port of entry/exit: Date leaving U.S.: Month Day Year 7 26 21						
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
17b. Alternate Consignee (or Shipper)					U.S. EPA ID Number	
Facility's Phone:						
17c. Signature of Alternate Consignee (or Shipper)					Month Day Year	
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name <i>Kalene Davis</i> Signature <i>[Signature]</i>					Month Day Year 7 26 21	

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number

CES 138872

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125 G	PLACARD? YES ☐ NO ☒
2.					PLACARD? YES ☐ NO ☐
3.					PLACARD? YES ☐ NO ☐
4.					PLACARD? YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # _____
Emergency Response Guide Op-bd _____
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Danny Woods

Signature

[Signature]

Month Day Year
7 24 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bobby Jarrett

Signature

[Signature]

Month Day Year
7 24 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Kaline Davis

Signature

[Signature]

Month Day Year
7 24 21

RD-40 TR-18

50205379

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES

138873

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

HM

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1.

X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1

TT

5076 G

PLACARD?

YES ☐ NO ☒

2.

PLACARD?

YES ☐ NO ☐

3.

PLACARD?

YES ☐ NO ☐

4.

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guide 11-464
Site arrival time 11:46
Site departure time 12:28
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Tim Moyer for Adam Harris CPL

T. H. Moyer

Month Day Year
7 26 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Bill Johnston

Bill Johnston

Month Day Year
7 26 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Maline Davis

Signature

[Signature]

Month Day Year
7 26 21

50206359

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 138875

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1

TT

525 G

PLACARD?

YES ☒ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year

EDDIE ANDERSON

FOR ADAM HARRIS

Eddie Anderson

7 26 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Bobby Jarrett

Bobby Jarrett

7 26 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in item 17a

Printed/Typed Name

Signature

Month Day Year

Valerie Davis

Valerie Davis

7 26 21

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

50215688

4. Tracking Number
CES 138846

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

Shipper's Site Address (if different than mailing address)

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Phone:

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq, III, ERG# 128

1

TT

5125 G

PLACARD?

YES ☐ NO ☒

2.

PLACARD?

YES ☐ NO ☐

3.

PLACARD?

YES ☐ NO ☐

4.

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # _____
Emergency Response Guide _____
Site arrival time _____
Site departure time _____
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Offeror's Printed/Typed Name

Signature

Month Day Year

7 27 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

7 27 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

7 22 21

RD-40 TR-18

50215687

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 138848	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:					Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions					U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name					U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:					U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq. III, ERG# 128			1 TT		5076 G	PLACARD? YES ☐ NO ☒
	2.							PLACARD? YES ☐ NO ☐
	3.							PLACARD? YES ☐ NO ☐
	4.							PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide Site arrival time 12:20 PM Site departure time 1:15 PM www.covanta.com								
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.								
Shipper's/Officer's Printed/Typed Name <i>Dana Wooten</i>					Signature <i>[Signature]</i>		Month Day Year 7 27 21	
INTL	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:							
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name <i>Bill Johnston</i>					Signature <i>[Signature]</i>		Month Day Year 7 27 21
DESIGNATED CONSIGNEE	Transporter 2 Printed/Typed Name					Signature		Month Day Year
	17. Discrepancy							
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection							
	Bill of Lading Reference Number: U.S. EPA ID Number							
17b. Alternate Consignee (or Shipper)								
Facility's Phone:								
17c. Signature of Alternate Consignee (or Shipper)								
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a								
Printed/Typed Name <i>Kaline Davis</i>					Signature <i>[Signature]</i>		Month Day Year 7 27 21	

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

50215686

www.Covanta.com

SHIPPER

RD-40 TR-18

50215685

4. Tracking Number **CES 138850**

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

Shipper's Site Address (if different than mailing address)

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1

TT

5076 G

PLACARD?
YES ☐ NO ☒

2. PLACARD?
YES ☐ NO ☐

3. PLACARD?
YES ☐ NO ☐

4. PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guide **6:00 PM**
Site arrival time **8:10 AM**
Site departure time
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Signature

Month Day Year
7 27 21

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 27 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 27 21

50216130

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9732 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138820
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5725 G
	2.				
	3.				
	4.				
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: Emergency Response Guide On-board Site arrival time: Site departure time: www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper/Operator's Printed/Typed Name: <u>Adam Harris</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>28</u> Year: <u>21</u>					
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:				
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <u>Bobby Jarnett</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>28</u> Year: <u>21</u> Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:				
	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
DESIGNATED CONSIGNEE	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number				
	Facility's Phone:				
	17c. Signature of Alternate Consignee (or Shipper) Month: Day: Year:				
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <u>Kaline Davis</u> Signature: <u>[Signature]</u> Month: <u>7</u> Day: <u>28</u> Year: <u>21</u>					

RD-40 TR-18

50216128

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138816	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER INT'L TRANSPORTER DESIGNATED CONSIGNEE	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide On-board Site arrival time 7:10 AM Site departure time 10:10 AM www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name <u>Adam Harris</u> Signature <u>[Signature]</u> Month <u>7</u> Day <u>28</u> Year <u>21</u>						
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:						
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <u>Bill Johnston</u> Signature <u>[Signature]</u> Month <u>7</u> Day <u>28</u> Year <u>21</u> Transporter 2 Printed/Typed Name Signature Month Day Year						
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: 17b. Alternate Consignee (or Shipper) U.S. EPA ID Number Facility's Phone: 17c. Signature of Alternate Consignee (or Shipper) Month Day Year						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name <u>Kelaine Davis</u> Signature <u>[Signature]</u> Month <u>7</u> Day <u>28</u> Year <u>21</u>						

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138832	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
			No.	Type		
	1. X NA1993, Combustible liquid, n.o.s., (Contains 10% Gasoline), Comb liq, III, ERG# 128		1	TT	5725	G
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On-board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's Offeror's Printed/Typed Name Adam Harris			Signature 		Month Day Year 7 29 21	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Bobby Jarrett			Signature 		Month Day Year 7 29 21	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a						
Printed/Typed Name Halene Davis			Signature 		Month Day Year 7 29 21	

RD-40 TR-18

50216402

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone
(800) 814-1204

4. Tracking Number
CES 138830

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

9. Shipping Name and Description

10. Containers

No. Type

11. Total
Quantity

12. Unit
Wt./Vol.

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer # **TR-18**
Emergency Response Guide On board
Site arrival time **6:50 AM**
Site departure time **9:50 AM**
www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper/Operator's Printed/Typed Name

Signature

Month Day Year
7 29 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
7 29 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year
7 29 21

RD-40 TR-18

50216406

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138833
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT		5076 G	PLACARD? YES ☐ NO ☒
	2.				PLACARD? YES ☐ NO ☐
	3.				PLACARD? YES ☐ NO ☐
	4.				PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's Printed/Typed Name: Adam Harris Signature: [Signature] Month: 7 Day: 29 Year: 21					
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Bill Johnston Signature: [Signature] Month: 7 Day: 29 Year: 21 Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:					
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: U.S. EPA ID Number: 17b. Alternate Consignee (or Shipper) Facility's Phone: 17c. Signature of Alternate Consignee (or Shipper): Month: Day: Year:					
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17c Printed/Typed Name: Maline Davis Signature: [Signature] Month: 7 Day: 29 Year: 21					

50216401

(800) 814-1204

4. Tracking Number
CES 138835

BILL OF LADING

1. Shipper ID Number
NCVSQG

2. Page 1 of

3. Emergency Response Phone

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Phone:

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

9. Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity

12. Unit
Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1

TT

5125 G

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

PLACARD?
YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #

Emergency Response Guide On board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's Officer's Printed/Typed Name

Adam Harris

Signature

[Signature]

Month Day Year

7 29 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Bobby Jarrett

Signature

[Signature]

Month Day Year

7 29 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17

Printed/Typed Name

Kaline Harris

Signature

[Signature]

Month Day Year

7 29 21

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

RD-40 TR-18

50216409

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

SHIPPER

INTL

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG		2. Page 1 of	3. Emergency Response Phone (800) 814-1204		4. Tracking Number CES 138721	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:				Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078				
6. Transporter 1 Company Name Covanta Environmental Solutions				U.S. EPA ID Number PAR000043026				
7. Transporter 2 Company Name				U.S. EPA ID Number				
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:				U.S. EPA ID Number NCR000135384				
HM	9. Shipping Name and Description			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
				No.	Type			
	1. X NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq, III, ERG# 128			1	TT	5076	G	PLACARD? YES ☐ NO ☒
	2.							PLACARD? YES ☐ NO ☐
	3.							PLACARD? YES ☐ NO ☐
4.							PLACARD? YES ☐ NO ☐	
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide Card Site arrival time 6:30 Site departure time 8:15 www.covanta.com								
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.								
Shipper's/Officer's Printed/Typed Name Adam Harris				Signature <i>Adam Harris</i>		Month Day Year 7 30 21		
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:								
16. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name Bill Johnston				Signature <i>Bill Johnston</i>		Month Day Year 7 30 21		
Transporter 2 Printed/Typed Name				Signature		Month Day Year		
17. Discrepancy								
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
17b. Alternate Consignee (or Shipper)						U.S. EPA ID Number		
Facility's Phone:								
17c. Signature of Alternate Consignee (or Shipper)						Month Day Year		
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a								
Printed/Typed Name Halina Davis				Signature <i>Halina Davis</i>		Month Day Year 7 30 21		

SO216412

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138723
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5125 G
		2.			
		3.			
		4.			
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: _____ Emergency Response Guide Code: _____ Site arrival time: _____ Site departure time: _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's/Owner's Printed/Typed Name <i>Adam Harris</i>		Signature <i>[Signature]</i>		Month Day Year 7 30 21	
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <i>Bobby Jarrett</i>		Signature <i>[Signature]</i>		Month Day Year 7 30 21
TRANSPORTER	Transporter 2 Printed/Typed Name		Signature		Month Day Year
	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
DESIGNATED CONSIGNEE	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: _____ U.S. EPA ID Number _____				
	Facility's Phone: _____				
	17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____				
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
Printed/Typed Name <i>Kaline Davis</i>		Signature <i>[Signature]</i>		Month Day Year 7 30 21	

SHIPPER

INT'L

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138729	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT		5725	G	PLACARD? None YES ☐ NO ☐
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # _____ Emergency Response Guide On board _____ Site arrival time _____ Site departure time _____ www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name 3rd party insects CplC Signature <i>[Signature]</i> Month Day Year 7 30 21						
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter Signature (for exports only): _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Dobby Jarnett Signature <i>[Signature]</i> Month Day Year 7 30 21 Transporter 2 Printed/Typed Name Signature _____ Month Day Year _____						
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ 17b. Alternate Consignee (or Shipper) U.S. EPA ID Number _____ Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name <i>[Signature]</i> Signature <i>[Signature]</i> Month Day Year 7 30 21						

RD-40 TR-18

50216411

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138722
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT	5076 G	PLACARD? YES ☐ NO ☒
		2.			PLACARD? YES ☐ NO ☐
		3.			PLACARD? YES ☐ NO ☐
		4.			PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer #: TR-18 Emergency Response Guide On-board Site arrival time _____ Site departure time _____ www.covanta.com					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name Authorized 3rd party inspector Signature <i>[Signature]</i> Month Day Year 7 30 21					
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Bill Johnston Signature <i>[Signature]</i> Month Day Year 7 30 21 Transporter 2 Printed/Typed Name Signature _____ Month Day Year _____				
	17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ 17b. Alternate Consignee (or Shipper) U.S. EPA ID Number _____ Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) _____ Month Day Year _____				
DESIGNATED CONSIGNEE	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name Valine Davis Signature <i>[Signature]</i> Month Day Year 7 30 21				

SHIPPER

INTL

TRANSPORTER

DESIGNATED CONSIGNEE

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138691	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	
	1. X NA1993, Combustible liquid, n.o.s., (Contains & 10% Gasoline), Comb liq, III, ERG# 128	1		5000	G	PLACARD? YES ☐ NO ☒
	2.					PLACARD? YES ☐ NO ☐
	3.					PLACARD? YES ☐ NO ☐
	4.					PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer is: _____ Emergency Response Guide: _____ Site arrival time: 12:30pm Site departure time: 1:08pm www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described. Shipper's/Officer's Printed/Typed Name: FOR EDDIE ANDERSON ADAM HARRIS Signature: <i>Edwin Harris</i> Month: 7 Day: 31 Year: 21						
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <i>Greg Kroschke</i> Signature: <i>Greg Kroschke</i> Month: 7 Day: 31 Year: 21 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____						
17. Discrepancy 17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection Bill of Lading Reference Number: _____ U.S. EPA ID Number: _____ 17b. Alternate Consignee (or Shipper) Facility's Phone: _____ 17c. Signature of Alternate Consignee (or Shipper) Month: _____ Day: _____ Year: _____						
18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a Printed/Typed Name: <i>Kalene Davis</i> Signature: <i>Kalene Davis</i> Month: 7 Day: 31 Year: 21						

RD-40 TR-18

50212273

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138689	
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078			
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384			
SHIPPER	HM	9. Shipping Name and Description	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
	1.	X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1	TT	5076	G
	2.					
	3.					
	4.					
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#: Trailer # TR-18 Emergency Response Guide 11:45 AM Site arrival time 11:45 AM Site departure time 12:30 PM www.covanta.com						
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.						
Shipper's/Officer's Printed/Typed Name FOR EDDIE ANDERSON ADAM HARRIS		Signature <i>Eddie Anderson</i>		Month Day Year 7 31 21		
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:			
	Transporter Signature (for exports only):					
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials					
	Transporter 1 Printed/Typed Name Bill Johnston	Signature <i>Bill Johnston</i>	Month Day Year 7 31 21			
	Transporter 2 Printed/Typed Name	Signature	Month Day Year			
DESIGNATED CONSIGNEE	17. Discrepancy					
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection					
	17b. Alternate Consignee (or Shipper) Bill of Lading Reference Number: U.S. EPA ID Number					
	Facility's Phone: 17c. Signature of Alternate Consignee (or Shipper) Month Day Year					
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a					
	Printed/Typed Name Kalene Davis	Signature <i>Kalene Davis</i>	Month Day Year 7 31 21			



4. Tracking Number	138690
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SHIPPER

50206454

BILL OF LADING

1. Shipper ID Number

NCVSQG

2. Page 1 of

3. Emergency Response Phone

(800) 814-1204

4. Tracking Number

CES 138688

5. Shipper's Name and Mailing Address

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

Shipper's Site Address (if different than mailing address)

Colonial Pipeline Company
14108 Huntersville-Concord Road
Huntersville North Carolina 28078

6. Transporter 1 Company Name

Covanta Environmental Solutions

U.S. EPA ID Number

PAR000043026

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Consignee Name and Site Address

Covanta Environmental Solutions LLC
2503 Fayetteville Street
Asheboro NC 27203 (336) 683-0911

U.S. EPA ID Number

NCR000135384

Facility's Phone:

HM 9. Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128

1

TT

5000

G

PLACARD?

YES ☐ NO ☒

2.

PLACARD?

YES ☐ NO ☐

3.

PLACARD?

YES ☐ NO ☐

4.

PLACARD?

YES ☐ NO ☐

13. Special Handling Instructions and Additional Information

1 5005955 Petroleum Contact Water CWT: N/A PO#:

Trailer #:

Emergency Response Guide On board

Site arrival time

Site departure time

www.covanta.com

14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.

Shipper's/Officer's Printed/Typed Name

Alan Harris

Signature

Alan Harris

Month Day Year

07 31 21

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Greg Lussick

Signature

Greg Lussick

Month Day Year

07 31 21

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Bill of Lading Reference Number:

17b. Alternate Consignee (or Shipper)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Consignee (or Shipper)

Month Day Year

18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a

Printed/Typed Name

Kalene Davis

Signature

Kalene Davis

Month Day Year

07 31 21

RD-40 TR-18

50206457

Corporate Office
5300 N 33rd St. - Milwaukee, WI 53209
Phone: 800-842-9792 Fax: 414-461-3812

BILL OF LADING		1. Shipper ID Number NCVSQG	2. Page 1 of	3. Emergency Response Phone (800) 814-1204	4. Tracking Number CES 138686
5. Shipper's Name and Mailing Address Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078 Shipper's Phone:			Shipper's Site Address (if different than mailing address) Colonial Pipeline Company 14108 Huntersville-Concord Road Huntersville North Carolina 28078		
6. Transporter 1 Company Name Covanta Environmental Solutions			U.S. EPA ID Number PAR000043026		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Consignee Name and Site Address Covanta Environmental Solutions LLC 2503 Fayetteville Street Asheboro NC 27203 (336) 683-0911 Facility's Phone:			U.S. EPA ID Number NCR000135384		
SHIPPER	HM	9. Shipping Name and Description	10. Containers	11. Total Quantity	12. Unit Wt./Vol.
			No. Type		
		1. X NA1993, Combustible liquid, n.o.s., (Contains <10% Gasoline), Comb liq, III, ERG# 128	1 TT	5076 G	
		2.			PLACARD? YES ☐ NO ☒ None
		3.			PLACARD? YES ☐ NO ☐
		4.			PLACARD? YES ☐ NO ☐
13. Special Handling Instructions and Additional Information 1 5005955 Petroleum Contact Water CWT: N/A PO#:					
14. SHIPPER'S CERTIFICATION: I certify the materials are accurately described.					
Shipper's Name or Printed/Typed Name <i>Adam Harris</i>			Signature <i>MA</i>		Month Day Year <i>7 31 21</i>
INT'L	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:				
	Transporter Signature (for exports only):				
TRANSPORTER	16. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name <i>Bill Johnston</i>	Signature <i>Bill Johnston</i>	Month Day Year <i>7 31 21</i>		
	Transporter 2 Printed/Typed Name	Signature	Month Day Year		
DESIGNATED CONSIGNEE	17. Discrepancy				
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection				
	Bill of Lading Reference Number:				
	17b. Alternate Consignee (or Shipper) U.S. EPA ID Number				
	Facility's Phone:				
	17c. Signature of Alternate Consignee (or Shipper)				
	Month Day Year				
	18. Designated Receiving Facility Owner or Operator: Certification of receipt of materials covered by the bill of lading except as noted in Item 17a				
	Printed/Typed Name <i>Kaline Davis</i>	Signature <i>KD</i>	Month Day Year <i>7 31 21</i>		